

Application Type Renewal
Facility Type CAFO
Permit Type Individual

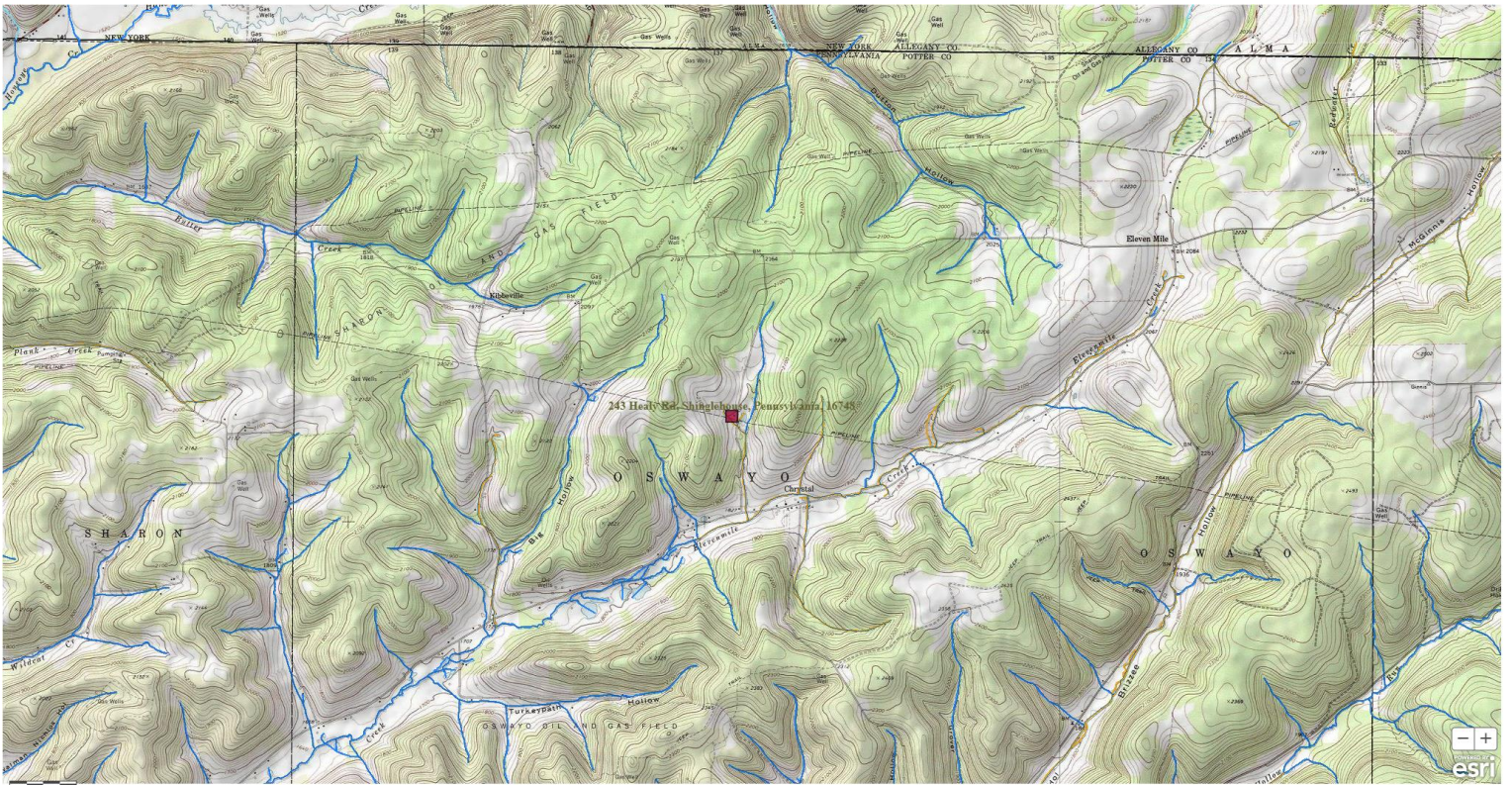
NPDES PERMIT FACT SHEET
CAFOs

Application No. PA0233943
APS ID 923339
Authorization ID 1376856

Applicant and Facility Information

Applicant Name	<u>Hoffman Family Farm LLC</u>	Farm Name	<u>Kar-Dale Acres Potter County</u>
Applicant Address	<u>243 Healy Road</u> <u>Shinglehouse, PA 16748-8537</u>	Farm Address	<u>243 Healy Road</u> <u>Shinglehouse, PA 16748-8537</u>
Applicant Contact	<u>Joshua Hoffman</u>	Farm Contact	<u>Joshua Hoffman</u>
Applicant Phone	<u>(814) 698-2515</u>	Farm Phone	<u>(814) 698-2515</u>
Client ID	<u>315873</u>	Site ID	<u>734148</u>
SIC Code	<u>0241</u>	Municipality	<u>Hebron Township</u>
SIC Description	<u>Agriculture - Dairy Farms</u>	County	<u>Potter</u>
Date Application Received	<u>November 16, 2021</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>August 17, 2022</u>	WQM App. No.	<u>5302201</u>

Project Description Hoffman Family Farms LLC submitted an Individual NPDES CAFO application for renewal for their existing dairy operation



Approve	Deny	Signatures	Date
X		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	March 29, 2023
X		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	3/29/2023

Description:

Hoffman Family Farm LLC submitted an Individual NPDES CAFO renewal application for their existing dairy operation located in Potter County. The Dairy has two distinct headquarters. The home farm site is located at 243 Healy Road in Oswayo Township and the Satellite Coneville Farm is located at 59 Route 244 Coudersport in Hebron Township. The operation is not a CAO since the animal density does not exceed 2 AEUs/Acre. The operation is considered a large CAFO for exceeding 1,000 AEUs and for exceeding the EPA large CAFO threshold of 700 mature dairy cows. The operation has the following animal population:

Animal Type	Number	AEUs
Holstein Lactating Cow	780	1,116.05
Holstein Dry Cow	105	150.70
Holstein Heifer: 1-2 yr.	300	296.43
Holstein Calf: 0-1 yr.	590	244.96
	Total AEUs =	1,808.14

The nearest receiving water to the home farm location is Tributary 57342 Of Elevenmile Creek, designated as High Quality-Cold Water Fishes (HQ-CWF), located in Watershed 16-C. This stream is impaired by pathogens of an unknown source.

The nearest receiving water to the Satellite Coneville Farm location is Oswayo Creek, designated as High Quality-Cold Water Fishes (HQ-CWF), located in Watershed 16-C. This stream is not impaired by Department Standards.

The Department's Individual CAFO permit is appropriate for this operation.

Manure/Nutrient Management:

The current NMP was approved on November 20, 2021, for crop years 2022, 2023, and 2024. There are 1,589.2 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 1.14 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
GP 1 Early Spring Liquid Main Dairy	1,508,782.0 gal	1,476,400.0 gal	0.0
GP 2 Summer Liquid Main Dairy	1,424,432.0 gal	1,419,200.0 gal	0.0
GP 3 Fall Liquid Main Dairy	1,439,304.0 gal	1,406,800.0 gal	0.0
GP 4 Spring Dry Cows	721.0 tons	742.9 tons	0.0
GP 4 Spring Dry Cows - uncollected	16.9 tons	16.9 tons	0.0
GP 5 Summer Dry Cows	551.0 tons	564.4 tons	0.0
GP 5 Summer Dry Cows - uncollected	50.6 tons	50.8 tons	0.0
GP 6 Fall Dry Cows	721.0 tons	751.4 tons	0.0
GP 6 Fall Dry Cows - uncollected	33.8 tons	33.8 tons	0.0
GP 7 Winter Dry Cows	761.0 tons	783.7 tons	0.0
GP 8 Spring Calf Bedpack	578.0 tons	579.7 tons	0.0
GP 8 Spring Calf Bedpack - uncollected	2.7 tons	14.7 tons	0.0
GP 9 Summer Calf Bedpack	578.0 tons	695.3 tons	0.0
GP 9 Summer Calf Bedpack - uncollected	8.0 tons	14.7 tons	0.0
GP 10 Fall Calf Bedpack	578.0 tons	593.3 tons	0.0
GP 10 Fall Calf Bedpack - uncollected	4.1 tons	12.2 tons	0.0
GP 11 Winter Calf Bedpack	578.0 tons	592.0 tons	0.0
GP 12 Spring Liquid Coneville	1,208,561.0 gal	929,600.0 gal	0.0
GP 13 Fall Liquid Coneville	1,219,733.0 gal	939,200.0 gal	0.0
GP 14 Late Spring Liquid Main Dairy	1,493,526.0 gal	1,475,600.0 gal	0.0

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
No Manure is exported off the operation.				

Winter Manure Management:

Application of manure during the winter period is approved in the NMP. Crop year 2023 approves winter application of manure on fields 18, 60, 64, 74B, 138, and 150E. Crop year 2024 approves winter application of manure on fields 18, 60, 64, 74B, 138, and 150E.

Manure storage facilities should have adequate freeboard on December 15th of each year to implement the NMP. The following minimum freeboards must be met by December 15th of each year:

- Home Farm Circular Storage: 13.08 ft
- Coneville Circular Storage: 7.5 ft

Manure Storage Facilities:

Storage <i>Name</i>	Type <i>Liquid or solid</i>	Dimensions <i>feet</i>	Freeboard <i>Minimum regulatory</i>	Usable Capacity <i>Gallons or cubic feet</i>
Home Farm Concrete Circular Storage	Liquid	140' x 16'	2 ft	1,516,846 gal
Home Farm Concrete Underbarn Storage (Reception Pit)	Liquid	8' x 12' x 200'	0.5 ft	134,640 gal
Coneville Circular Manure Storage	Liquid	140' x 16'	2 ft	1,371,840 gal

The Home Farm Concrete Circular Storage and Concrete Underbarn Reception Pit were both most recently recertified by a Professional Engineer on April 23, 2021 with a combined listed useable storage capacity of 1,651,486 gallons.

The Coneville Circular Storage was most recently recertified by a PE on April 23, 2021.

The Department issued WQM 5302201 to Hoffman Family Farm LLC on November 14, 2014.

There are no proposed manure storage facilities, no planned infield manure stacking, and no planned alternative manure technology practices.

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 (Home Farm and Coneville Farm Concrete Circular Storages)
- Mortality Management (Mortalities are sent for rendering)

The following NRCS Practice Codes are prescribed in the approved 2022-2024 NMP:

- Code 635 Vegetative Treatment Area Repair, BMP Location: Calf Barn, Implementation: Fall 2021
- Code 412 Grassed Water Way, BMP Location: 127A & 127B, Implementation: Fall 2022
- Code 560 Farm Lane Stabilization, BMP Location: 15A and 16, Implementation: Fall 2024

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:

All mortalities will be sent for rendering.

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. NRCS practice codes included in the plan are 328 Conservation Crop Rotation, 330 Contour Farming, 340 Cover Cropping, 511 Forage Harvest Management, 590 Nutrient Management, 329 Residue and Tillage Management (No Till), and 345 Residue and Tillage Management (Reduced Till).

Downstream Public Water Supplies:

The nearest downstream public water supply intake is unknown as it is located over 23 miles downstream beyond where Oswayo Creek crosses the Pennsylvania/New York State Border. This operation is not expected to 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.