

Agricultural Livestock Operation Permit Application

General Information

Applications are completed in a series of steps. Please complete the fields below and then press **Next**. You will then be able to **Complete** required forms, **Attach** project documentation, **Include** your digital signature, and **Submit** your application to the DNR.

Basic Permit Info

NOTE: Missing or incomplete fields are highlighted on the application and at the bottom of each page. Once all required fields are completed you may navigate away from that page. After navigating away from a page, you may return to it to make changes.

Project Name

(Required: Project will be saved to system using this name)

Ridge Breeze Dairy Permit Modification

Permit Action

Permit Application

Activity

3400-apprenewal

Facility County

Pierce

Facility Name

Ridge Breeze Dairy

Facility Number

29902

Application Reissuance

Fill out the project and facility information above and press Next. Fill out all displayed forms.

- Please reference "[Reissuance or modification of CAFO WPDES Permits](#)"
- Fill out the application Form (3400-25 Livestock /Poultry Operations).
- [Instructions for Form 3400-25](#)
- Fill out Form 3400-25A (Animal Units Calculation Worksheet).
- [Instructions for Form 3400-25A](#)
- Fill out Form 3400-25B Nutrient Management Plan Checklist.
- Fill out Form 3400-25C Reviewable Facilities and Systems Checklist.
- Attach files for Nutrient Management Plan, Plans and Specifications, SNAP plus files, Plans and Specifications/Evaluations, Liquid waste Storage volume Calculation Worksheet (180-days liquid manure [storage volume calculations](#) or equivalent) and [supporting documentation](#) for 180-day liquid manure storage volume calculations, maps showing the features and structures at each site, and [Environmental Analysis Questionnaire](#) (if required).
- Electronically Sign and Submit form

State of Wisconsin
Department of Natural Resources
PO Box 7185, Madison, WI 53707-7185
dnr.wi.gov

**Livestock/Poultry Operation WPDES
Permit Application**
Form 3400-025 (R 2/12) Page 1 of 2

Notice: Pursuant to ch. NR 243, Wis. Adm. Code and s. 283.53(3), Wis. Stats., this Wisconsin Pollutant Discharge Elimination System (WPDES) form is required by the Department of Natural Resources (DNR) to be submitted, along with Form 3400-025A and all other required application materials, by the owner or operator of a Concentrated Animal Feeding Operation (CAFO). The Department will not consider your application complete unless you complete and submit this application form. Penalties for failure to submit a completed application are established in ss. 283.89 and 283.91, Wis. Stats. [Section 283.91(4), Wis. Stats., provides that: Any person who knowingly makes any false statement, representation or certification in this application shall upon conviction be punished by a fine of not more than \$10,000 or by imprisonment for not more than 6 months or both.] Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's open records law [ss. 19.31-19.39, Wis. Stats.].

Section I. Contact Information

Legal Name for Permit Issuance & Operator Contact Information

Legal name of the operation to which the permit will be issued or Legal Name of the Parent Company (if different from the operation)

Ridge Breeze Dairy

Name of Operator or Manager (First)

(Last)

Title

Brad		Gerrits		Director of Operations	
Mailing Address - Street, Route or Box W2686 390th Ave			City / Town Maiden Rock		State WI
Zip Code 54750					
Phone Number (incl. area code) 920-944-9450	Cell Phone Number	Fax Number (incl. area code)	E-mail Address bgerrits@breezedairygroup.com		
Parent Company Owner Information Status: <input checked="" type="checkbox"/> Select if same as Operator					
Name of Parent Company / Owner (if different from operator above) Ridge Breeze Dairy					
Contact Person (First) (Last) Brad Gerrits				Title Director of Operations	
Mailing Address - Street, Route or Box W2686 390th Ave			City / Town Maiden Rock		State WI
Zip Code 54750					
Phone Number (incl. area code) 920-944-9450	Cell Phone Number	Fax Number (incl. area code)	E-mail Address bgerrits@breezedairygroup.com		
Crop Consultant					
Name of Crop Consultant (First, Last) Nathen Nysse			Company Tilth Agronomy Group		Title Agronomist
Mailing Address - Street, Route or Box W7684 Hillwood Court			City / Town Hortonville		State WI
Zip Code 54944					
Phone Number (incl. area code) 920-858-5756	Cell Phone Number 920-858-5756	Fax Number (incl. area code)	E-mail Address nathen@tilthag.com		
Design Engineer					
Name of Design Engineer (First, Last) David McDaniel			Company Auth Consulting & Associates		Title P. E.
Mailing Address - Street, Route or Box 406 Technology Drive E.			City / Town Menomonie		State WI
Zip Code 54751					
Phone Number (incl. area code) 715-232-8490	Cell Phone Number	Fax Number (incl. area code)	E-mail Address dmcdaniel@authconsulting.com		

Section II: Site Information (Must be completed for each site.)

This operation uses the site for (check all that apply):

- Animal housing
- Manure storage
- Feed storage

INSTRUCTIONS: Read the attached instructions before entering the site description information. A separate Site Information section must be filled out for the main site and any other site(s) which are owned or operated by your farm for the purpose of housing animals, storing manure, or storing feed associated with your operation. Remember a site map and Current/Projected AU Calculation Worksheet(s) must also be included with each Site Information section.

Name & Physical Location of Operation

Name of Farm/Operation (Site Name):

Ridge Breeze Dairy

Location Address:

W2686 390th Avenue

City:

Maiden Rock

State:

WI

Zip:

54750

County

48

City Town Village

SALEM;T

Township:

25 N

Range:

16

E

W

Section:

01

Q:

SE

QQ:

NW

Current/Projected Animal Units & Expansion Dates

1. Use the Current AU Calculations Worksheet (Form 3400-025A) to calculate the total number of animal units presently held in confinement or feeding facilities for more than 45 days in a 12 month period at this site. Attach the corresponding Current AU Calculations Worksheet to this Site Description section.

Check here if there are no animals housed at this site for more than 45 days in a 12 month period.

2. Use the Projected AU Calculations Worksheet (Form 3400-025A) to determine the proposed number of animal units that will be held in confinement or feeding facilities for more than 45 days in a 12 month period at this site within the next five years. Attach the corresponding Projected AU Calculations Worksheet to this Site Description section.

Check here if there is no proposed expansion(s) at this site within the next five years.

3. List the date of proposed expansion(s) (i.e. increase in animals, constructing new structures, modifying existing structures) at this site within the next five years (MM/YY). These dates should correlate with the information provided for the proposed structures and systems listed in the tables below and the projected animal numbers provided on the Projected AU Calculation Worksheet:

Expansion 1: 5/1/2024 Expansion 2: Expansion 3: Expansion 4: Expansion 5:

Check here if your expansions(s) will disturb one (1) acre or more of soil.

Types of Manure Storage/Composting Facilities/Wastewater Storage/Treatment Facilities

List all **existing** and **proposed** manure storage, composting facilities, process wastewater storage, and treatment facilities located at this site. These may include earthen, earthen with a concrete floor, synthetically lined, concrete, steel above ground tank, below ground storage tank, anaerobic lagoon, roofed storage shed, under-floor storage, stacking slab (clay or concrete), unconfined manure stack, etc. Identify the type of waste(s) (e.g. solid manure, liquid manure, feed storage runoff or lot runoff, process wastewater, septic waste, digester, etc.) that is stored and the date the storage was built or the proposed date of construction. Specify the type of design documentation such as plans and specifications, post construction documentation, and/or an engineering evaluation you may have of the structure. If no documentation exists, indicate none in the space provided. All the existing and proposed structures must be identified on the site map associated with this description.

Waste containing Facility #	Existing or Proposed	Storage Type	Type of Waste	Total Usable Volume	Units	Year Built	Storage Facility Design Documents
1	Existing	Earthen	Liquid manure	1,880,503	gallons	2000	None
2	Existing	Earthen	Liquid manure	4,852,593	gallons	2004	None
3	Existing	Concrete	Composted manure	232,337	tons	2017	None
4	Existing	Concrete	Liquid manure	9,724,933	gallons	2023	None

Types of Outside Animal Lots / Confinement Areas

List all **existing** and **proposed** outside animal lots/confinement areas located at this site. These may include outdoor barn yard or feedlot, housed under roof or partially housed under roof or outdoor vegetated area. This does not need to include total confinement barns. Identify the number, avg. weight, and type of animals (e.g. 50/800lbs/heifers) and whether or not there is a runoff control system associated with the lot. Types of runoff control systems may include vegetated treatment area, collection tank, roof, etc. Specify the type of design documentation such as plans and specifications, post construction documentation, and/or an engineering evaluation you may have of the area. If no documentation exists, indicate none in the space provided. All the existing and proposed outside animal lots and confinement areas must be identified on the site map associated with this description.

Confinement Area #	Existing or Proposed	Outdoor Lot / Confinement Area Type	Number/Avg. weight(in lbs.)/Type	Runoff Control	Confinement Area Design Document
3	Existing	Under roof	300 1400 Milking/Dry cows	No	None

4	Existing	Under roof	700 1400 Milking/Dry cows	No	None
5	Existing	Under roof	700 1400 Milking/Dry cows	No	None

Types of Feed Storage Areas

List all **existing** and **proposed** feed storage areas located at this site. These may include upright silos, earthen/concrete bunkers, etc. Identify the type and amount of feed stored (e.g. corn silage/100 tons). Specify the type of design documentation such as plans and specifications, post construction documentation, and/or an engineering evaluation you may have of the area. If no documentation exists, indicate none in the space provided. All the existing and proposed feed storage areas must be identified on the site map associated with this description. Check the box if bags are used for feed storage

Check here if bags are used for feed storage

Feed Storage Area #	Existing or Proposed	Feed Storage Area Type	Type & Amount of Feed Stored	Runoff Control	Feed Storage Area Documentation
12	Existing	Asphalt pad	3500 Haylage	Yes	None
12	Existing	Asphalt pad	28000 Corn Silage	Yes	None

Types of Runoff Control Systems

List all **existing** and **proposed** runoff control systems located at this site. These may include vegetated treatment area, collection tank, roof, etc. Identify the associated outdoor lot, confinement area, or feed storage. Specify the type of design documentation such as plans and specifications, post construction documentation, and/or an engineering evaluation you may have of the system. If no documentation exists, indicate none in the space provided. All the existing and proposed runoff control systems must be identified on the site map associated with this description

Runoff Control System #	Existing or Proposed	Type of Runoff Control System	Associated Outdoor Lot or Feed Storage/ Area #	Runoff Control System Design Documentation
9	Existing	Collection tank	Stacking Area # / 8	None
13	Existing	Collection tank	Feed Storage Area # / 12	None

Other Site Information

Please select the site that serves as the primary site for this operation:

Ridge Breeze Dairy

Was your farm designated or defined as a small(1-299 animal units) or medium (300-999 animal units) CAFO in accordance with NR 243.26?

Yes No

If yes, what date was your farm designated/defined?

If yes, what was the reason for designation/definition?

Nutrient Management Plan Checklist Livestock/Poultry Operation WPDES Permit Application

Form 3400-025B (R 3/12)

Notice: Pursuant to ch. NR 243, Wis. Adm. Code and s. 283.53(3), Wis. Stats., this form is required to be submitted, along with Form 3400_025A and all other required application materials, by the owner or operator of a concentrated animal feeding operation (CAFO). The Department will not consider your application unless you provide and submit complete information. Penalties for failure to submit a completed form are established in ss. 283.89 and 283.91, Wis. Stats. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31-19.39, Wis. Stats.)

I. Operation Information

Operation Ridge Breeze Dairy		Contact (First name, Last name) Brad Gerrits		WPDES Permit No 0062928	
Location Address - Street, Route or Box W2686 390th Ave			City Maiden Rock		State WI
					Zip Code 54750
Phone Number (xxx-xxx-xxxx) 920-427-3886	Cell Phone (xxx-xxx-xxxx)	Fax Number (xxx-xxx-xxxx)	Email Address bgerrits@breezedairygroup.com		

II. Preparer Information

Name of Crop Consultant (First, Last) Nathen Nysse		Company Tilth Agronomy Group		Title Agronomist	
Mailing Address - Street, Route or Box W7684 Hillwood Court			City Hortonville		State WI
					Zip Code 54944
Phone Number (xxx-xxx-xxxx) 920-858-5756	Cell Phone (xxx-xxx-xxxx) 920-858-5756	Fax Number (xxx-xxx-xxxx)	Email nathen@tilthag.com		

1) Plan Type(select one) <input checked="" type="radio"/> Initial Plan <input type="radio"/> Annual Update <input type="radio"/> Permit Renewal		Applicable Growing Session 2024			
2) Total acres covered by NM P: 7,533		Total spreadable acreage:		7,359 acres	
Cropland acres owned: 90		Agreement or Rented Acres:		7,444 acres	
3) Total acreage used for land application in previous 12 months: 1,575.0		Total animals at facility in pervious 12 months:		2,380	

Waste Type	Amount Generated Annually	Amount Transferred Annually	Units (gallons or tons)
Liquid Manure and Process Wastewater	77,700,000	0	gallons
Solid Manure & Litter	1,000	0	tons

III. NR 243 CAFO Nutrient Management Plan (NMP) Checklist

Check yes or no and provide the (Section) of the item in the NMP. Failure to provide item location may delay review of the NMP by the DNR and/or require resubmittal of the checklist with this information.

	Yes	No	Section
1. Does plan meet Wisconsin's NRCS 590 Nutrient Management Standard nutrient budgeting, soil test recommendations, selecting dominant critical soil unit criteria and establishing perennial vegetation in all areas of concentrated flow resulting in reoccurring gullies? (NRCS soil unit criteria: http://www.wi.nrcs.usda.gov/technical/consplan/rusle.html)	<input checked="" type="radio"/>	<input type="radio"/>	1
2. Does plan contain fields with high potential for N leaching to groundwater?	<input checked="" type="radio"/>	<input type="radio"/>	1
If yes, do these fields meet NRCS 590 soil temperature, application rate and timing restrictions?	<input checked="" type="radio"/>	<input type="radio"/>	1
3. Does plan contain NRCS 590 response procedures for manures, organic byproducts and fertilizer applications that cause drainage to subsurface tiles, ponding or runoff? (NOTE: Such procedures must include methods to prevent offsite movement of nutrients - via subsurface tile discharge or surface runoff - to waterways and notify DNR of spills or accidental release)	<input checked="" type="radio"/>	<input type="radio"/>	1
4. Does plan contain a copy of NRCS 590 checklist?	<input checked="" type="radio"/>	<input type="radio"/>	2
5. Does plan have a narrative that describes:			

a. Expected numbers of animal units on site at end of first year of permit coverage and also expected numbers for remaining permit term (next 4 yrs). - NR 243.12(2)(6), Wis. Adm. Code	<input checked="" type="radio"/> <input type="radio"/>	2
b. Expected amounts and types of manure and process wastewater produced on annual basis.	<input checked="" type="radio"/> <input type="radio"/>	2
c. Amount of manure and process wastewater to be land applied	<input checked="" type="radio"/> <input type="radio"/>	2
d. Anticipated frequency and method(s) of land application	<input checked="" type="radio"/> <input type="radio"/>	2
e. Other methods of use, disposal, distribution or treatment of manure or process wastewater.	<input checked="" type="radio"/> <input type="radio"/>	2
f. Tillage and crop rotation information for all fields owned or rented or in `agreements'.	<input checked="" type="radio"/> <input type="radio"/>	2
g. Total acreage available (by landowner) for land application owned, rented or in `agreements'. Notice: Pursuant to ch. NR 243, Wis. Adm.	<input checked="" type="radio"/> <input type="radio"/>	2

**Nutrient Management Plan Checklist
Livestock/Poultry Operation WPDES Perm
Application**

Form 3400-025B (R 3/12)

Page 2 c

	Yes	No	Section
h. General manure and process wastewater application requirements - NR 243.14(2)(b)(1-13) & (c-f), Wis. Adm. Code AND <u>methods explaining how they will be met on all fields in plan</u> (e.g., field and map verification procedures, applicable best management practices and recordkeeping procedures to track actions taken).	<input checked="" type="radio"/>	<input type="radio"/>	2
i. Nutrient crediting requirements - NR 243.14(3), Wis. Adm. Code- and how they will be met	<input checked="" type="radio"/>	<input type="radio"/>	2
j. SWQMA application restriction option for each field AND methods explaining how restriction(s) will be met - NR 243.14(4), Wis. Adm. Code.	<input checked="" type="radio"/>	<input type="radio"/>	2
k. Phosphorus delivery method (P Index or Soil Test P) for each field AND management strategy for fields with soil test P above 100 ppm and 200 ppm - NR 243.14(5), Wis. Adm. Code.	<input checked="" type="radio"/>	<input type="radio"/>	2
l. Fields adjacent to or with high potential to drain to impaired or outstanding/exceptional waters (see DNR impaired waters map tool: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=SurfaceWaterViewer)	<input checked="" type="radio"/>	<input type="radio"/>	2
m. Identification of sites for winter (frozen or snow covered ground) applications that meet criteria in tables 4 and 5 for manure - NR 243.14(6-8) - AND methods explaining how they will be met. (NOTE: Fields selected for winter application must have the lowest risk of pollutant delivery to waters of the state and have winter acute loss index value of 4 or less using the Wisconsin Phosphorus Index).	<input checked="" type="radio"/>	<input type="radio"/>	2
n. Documentation of adequate storage (180 days) and methods of maintaining adequate storage - NR 243.14(9) and NR 243.17(3), Wis. Adm. Code.	<input checked="" type="radio"/>	<input type="radio"/>	2
6 Are the following field features identified as restricted or high risk areas on spreading maps: (NOTE: Checking yes requires plan narrative to describe methods or procedures to identify, avoid, eliminate or minimize the surface or ground water quality risk each feature represents).			
a. Private, non-community drinking water well (100ft setback).	<input checked="" type="radio"/>	<input type="radio"/>	3
b. Community drinking water well (1,000ft setback)	<input checked="" type="radio"/>	<input type="radio"/>	3
c. Soils within 24 inches of apparent water table or bedrock at time of application (NOTE: water table depth may vary over time and requires field investigation to determine actual depth to groundwater before application)	<input checked="" type="radio"/>	<input type="radio"/>	3
d. Fields over 200 ppm soil test phosphorus (manure spreading prohibited unless department approval)	<input checked="" type="radio"/>	<input type="radio"/>	3
e. Direct conduits to groundwater (100ft setback).	<input checked="" type="radio"/>	<input type="radio"/>	3
f. SWQMA areas and 100ft prohibition, or equivalent. (NOTE: maps must identify all conduits to navigable waters. These include: ditches, concentrated flow channels, sinkholes, agricultural well heads, open tile line intake structures or open vent pipes in fields that discharge to navigable waters and grassed waterways that drain directly to a navigable water). See DNR navigable waters fact sheet: http://www.dnr.state.wi.us/org/water/fhp/waterway/factsheets/index.htm	<input checked="" type="radio"/>	<input type="radio"/>	3
g. Wetlands and 25ft setback OR start of the SWQMA if connected to navigable water - NR 243.14 (4)(a) (2), Wis. Adm. Code. See DNR wetlands map tool: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=SurfaceWaterViewer.wetlands	<input checked="" type="radio"/>	<input type="radio"/>	3
h. Fields adjacent to or with high potential to drain to impaired or outstanding/exceptional waters (see DNR impaired waters map tool: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=SurfaceWaterViewer)	<input checked="" type="radio"/>	<input type="radio"/>	3
i. Soils with: (1) High Permeability; (2) Within 20 inches to bedrock; or (3) Within 12 inches to apparent water table. (see Appendix 1, WI Tech Note WI-1 http://www.wi.nrcs.usda.gov/technical/technotes.html).	<input checked="" type="radio"/>	<input type="radio"/>	3
j. Fields with ephemeral erosion, reoccurring gullies or concentrated flow channels. (NOTE: fields with such soil erosion features do not meet NRCS 590 and need to be stabilized with perennial vegetation or other runoff reducing practices. Once established, manure cannot be applied within vegetated flow channels/grassed waterways. If detected, describe in narrative how and when such areas will be stabilized before any manure is applied on fields where gullies exist.)	<input checked="" type="radio"/>	<input type="radio"/>	5
k. Fields exceeding T - tolerable soil loss - over the crop rotation.	<input checked="" type="radio"/>	<input type="radio"/>	5
l. Subsurface drainage systems (e.g., drain tiles and their outlets).	<input checked="" type="radio"/>	<input type="radio"/>	3
7 Does field size and planned manure spreading to all fields reflect acreage lost to SWQMA or other required setbacks?	<input checked="" type="radio"/>	<input type="radio"/>	5

**Nutrient Management Plan Checklist
Livestock/Poultry Operation WPDES Perm
Application**

Form 3400-025B (R 3/12)

Page 3 of 3

	Yes	No	Section
8. Is phosphorus being correctly managed:	<input checked="" type="radio"/>	<input type="radio"/>	5
a. Fields 50-100ppm P: Balance P needs over a maximum 8 year rotation?	<input checked="" type="radio"/>	<input type="radio"/>	5
b. Fields 100-200ppm P: Drawdown P by 50% cumulative crop removal over a maximum 4 year rotation ND P Index ≤ 6?	<input checked="" type="radio"/>	<input type="radio"/>	5
c. Is commercial P above 20lbs in starter being added to fields over 50 ppm P?	<input checked="" type="radio"/>	<input type="radio"/>	5
9 Are manure analyses being taken, at least annually, for every sample point in the permit and being used to develop the plan? If not completed yet, provide schedule when manure testing will be completed in narrative when plan will be updated with this information	<input checked="" type="radio"/>	<input type="radio"/>	4
10 Is all manure produced by the farm allocated over the entire rotation or five year permit term? (NOTE: A rotation may be longer or shorter than a five year permit term. If shorter than 5-years, the rotation must repeat or be amended to reflect, at least, the 5 year permit term).	<input checked="" type="radio"/>	<input type="radio"/>	5
11 Are all commercial fertilizers and off-farm nutrients included for every year of rotation?	<input checked="" type="radio"/>	<input type="radio"/>	5
12 Are all fields owned, rented or in agreements with farm that have, or are planned to, receive manure or process wastewater included in plan? (NOTE: Once a field is included in the plan it must remain so regardless of use/status for the 5-year permit term or rotation - this includes fields used only once during permit term or a rotation. For such fields, projecting what nutrients may be applied is required.)	<input checked="" type="radio"/>	<input type="radio"/>	2
13 Are all fields in plan managed for the entire rotation? Managed for the entire rotation means: Planning for the sequence of crops, tillage, budgeting and application of nutrients for up to an 8-year period in order to determine field rotational soil loss, rotation avg. P Index, and applicable manure or legume credits for each rotation year.	<input checked="" type="radio"/>	<input type="radio"/>	2
14 If any fields in plan do not receive manure during the rotation, do they follow UW A2809 crop recommendations for other applied nutrients?	<input checked="" type="radio"/>	<input type="radio"/>	2
15 Are calibrations provided in plan for all manure hauling equipment (including equipment not owned by the farm)? If no, provide schedule when calibrations will be completed in narrative	<input checked="" type="radio"/>	<input type="radio"/>	7
16 Does plan include copies of soil testing for all NMP fields and manure testing results? If not completed yet, provide in narrative a schedule when testing for soil for specific fields or manure will be completed and when plan will be updated with this information.	<input checked="" type="radio"/>	<input type="radio"/>	4
17 If available, have prior year(s) records (e.g., crop, tillage, nutrients applied) been included in NMP calculations to reflect what actually happened on each field vs. what was planned?	<input checked="" type="radio"/>	<input type="radio"/>	5
18 Are any fields receiving over-applications of nitrogen based on UW Publication A2809?	<input checked="" type="radio"/>	<input type="radio"/>	5

Applicants must use this form for the evaluation of existing facilities reviewable under s. NR 243.16, Wis. Adm. Code.

I. Operation Information

Operation Ridge Breeze Dairy		Contact (First, Last) Brad Gerrits			
Mailing Address -Street, Route or Box W2686 390th Ave		Mailing Address -City Maiden Rock	State WI	Zip Code 54750	
Location Address -Street, Route or Box W2686 390th Ave		Location Address- City Maiden Rock	State WI	Zip Code 54750	
County Pierce	<input checked="" type="radio"/> Town <input type="radio"/> Village <input type="radio"/> City SALEM;T	Section (01 -36) 01	Township (01-53) 25 N	Range XX 16	<input type="radio"/> E <input checked="" type="radio"/> W
Phone Number (incl. area code) 920-944-9450	Cell Phone Number	Fax Number (incl. area code)	Email bgerrits@breezedairygroup.com		
This Operation is (check one): <input type="radio"/> a new CAFO <input checked="" type="radio"/> an existing CAFO			WPDES Permit Number 0062928		

II. Design Engineer

Company Auth Consulting & Associates		Engineer Name (First, Last) David McDaniel			
Mailing Address - Street, Route or Box 406 Technology Drive E.		City Menomonie	State WI	Zip Code 54751	
Phone Number (w/ area code) 715-232-8490	Cell Phone (w/ area code)	Fax Number (w/ area code)	E-mail Address: dmcdaniel@authconsulting.com		
Alternate Contact (First, Last) Michael Bucher	E-mail mbucher@authconsulting.com	Phone Number (w/ area code) 715-232-8490			
Preparer is a (select one): <input checked="" type="radio"/> Profession Engineer WI License 30605 <input type="radio"/> Certified Agricultural Engineering Practitioner (DATCP / County /NRCS engineers or techs) <input type="radio"/> Professional Hydrologist WI License No: <input type="radio"/> Other: Specify					

Reviewable Project Type (check all that apply):

- | | |
|---|--|
| <input type="checkbox"/> No Evaluation Required | <input checked="" type="checkbox"/> Days of Storage Calculations (NR 243.15(3)) |
| <input type="checkbox"/> Manure storage (NR 243.15(3) & NRCS 313) | <input type="checkbox"/> Manure Stacking (NR 243.15(8) & NRCS 313) |
| <input type="checkbox"/> Manure Transfer Pipe (NR 243.15(4) & NRCS 634) | <input type="checkbox"/> Manure Transfer Channel (NR 243.15(4) & NRCS 634) |
| <input type="checkbox"/> Reception Tank (NR 243.15(4) & NRCS 634) | <input type="checkbox"/> Detention Basin (NR 243.15(3), NRCS 313 & CPS 1001) |
| <input type="checkbox"/> Digester (NR 243.15(5) & NRCS 313, 634) | <input type="checkbox"/> Non-Ag Waste Addition for Digester (NR 243.17(1), (2) & NRCS 313) |
| <input type="checkbox"/> Composting (NR 243.15(8), 502.12 & NRCS 313) | <input type="checkbox"/> Sand Separation (NR 243.15(4) & NRCS 632, 634) |
| <input type="checkbox"/> Solids Separation (NR 243.15(4) & NRCS 632, 634) | <input type="checkbox"/> Process Wastewater (NR 213 & NRCS 313) |
| <input type="checkbox"/> Feed storage area (s. NR 243.15(9)) | <input type="checkbox"/> Runoff Controls (NR 243.15(2) & NRCS 635) |
| <input type="checkbox"/> Vegetated Treatment Area (NR 243.15(2) & NRCS 635) | <input type="checkbox"/> Irrigation Pipeline (NR 243.15(4) & NRCS 430, 634) |
| <input type="checkbox"/> Closure/Discontinuing (NR 243.17(7) & NRCS 360) | <input type="checkbox"/> Biofilter (NR 243.15(2), (4) and (9) & NRCS 313) |
| <input type="checkbox"/> Groundwater Monitoring (NR 243.15(7)) | <input type="checkbox"/> Well Waiver Request (NR 243.09)) |

Forms and Attachments

To help us make a decision in the shortest amount of time possible, the following information must be submitted:

Supplemental Attached Forms

Form 3400-25 (Application):

Contact Information Completion Status:

Facility Information Completion Status:

Form 3400-25A (Animal Units Checklist):

Completion Status:

Form 3400-025B (Nutrient Management Plan Checklist) :

Completion Status:

Form 3400-025G (Evaluated Facilities of Systems for Livestock/Poultry Operation):

Completion Status:

Upload Required Attachments (15 MB per file limit, split into multiple files as necessary)

Nutrient Management Plan :

Completion Status:

Evaluations & 180 Day Storage Documentation:

Completion Status:

This section is only for submitting evaluations of existing facilities and 180 day manure storage documentation. Submittal of plans and specifications for proposed structures/systems must be submitted separately using the ePermitting system for livestock operations.

Site Specific Documents :

Completion Status: [Complete](#)

Plans, Maps and Reports

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

Section 1 – Additional Checklists

NR243 LINK - <http://datcp.wi.gov/uploads/Farms/pdf/NMPLANCHECKLISTarm-lwr480.pdf>

Attach the completed NRCS 590 here:

 File Attachment

[Document 2024-01-19 143659.pdf](#)

Section 2 - Plan Narrative

Nutrient Management Plan Narrative (overview of farm and how it will meet NR 243 requirements – can reference other sections of NMP)

Add files (split into multiple items if larger than 15 MB):

 File Attachment

[1.doc](#)

Section 3 - Maps

Maps (fields, soils, spreading restrictions, topographical, drain tiles, shallow groundwater or bedrock, winter spreading, other) (Please split into multiple items if larger than 15 MB):

Spreading Restrictions Map :

 File Attachment

[1.zip](#)

Soil Map:

 File Attachment

Attached separately

Topographical Map:

 File Attachment

[Topos.zip](#)

Drain Tile Map:

 File Attachment

Attached separately

Shallow Groundwater Map:

 File Attachment

Attached separately

Bedrock Map:

 File Attachment

Attached separately

Winter Spreading Map:

 File Attachment

[Winter.zip](#)

Field Map:

 File Attachment

Attached separately

Other Maps

 File Attachment

[Feb2023HeadlandStackingSiteApproval-RidgeBreezeDairy.pdf](#)

Other Maps

 File Attachment

[04-03-002.pdf](#)

Other Maps

 File Attachment

[04-03-018-020.pdf](#)

Section 4 - Manure Analyses and Soil Test records

Manure Analysis Records(split into multiple items if larger than 15 MB)

 File Attachment

[RBDManureAverages2023.pdf](#)

Soil Test Records (split into multiple items if larger than 15 MB):

 File Attachment

[RidgeBreezeDairy.pdf](#)

Section 5 - Field Specific reports

Field Specific reports (nutrient budgeting, consistency with UW recommendations, meeting T, NR 243 PI and P management, spreading reports, other)

Split files into multiple items if larger than 15 MB:

 File Attachment

[RidgeBreezeDairy.pdf](#)

Split files into multiple items if larger than 15 MB:

 File Attachment

[RidgeBreezeDairy.pdf](#)

Section 6 - Farm Reports

Farm Reports (total manure production from planned herd size, manure applications and total acres available, manure equipment calibrations, manure storage capacity calculations (> 180 days), emergency response procedures, winter spreading procedures)

Split files into multiple items if larger than 15 MB:

 File Attachment

[RidgeBreezeDairy-NutrientMassBalance.pdf](#)

Split files into multiple items if larger than 15 MB:

 File Attachment

[RidgeBreezeDairy.zip](#)

Split files into multiple items if larger than 15 MB:

 File Attachment

[RidgeBreezeDairy.zip](#)

Section 7 – Inspections, Record Keeping and Reporting

Split files into multiple items if larger than 15 MB:

 File Attachment

[RidgeBreezeDairy.zip](#)

Split files into multiple items if larger than 15 MB:

 File Attachment

[RidgeBreezeDairy.pdf](#)

Split files into multiple items if larger than 15 MB:

 File Attachment

[RidgeBreezeDairy.pdf](#)

Section 8 - Other supporting documentation

This includes other files, manure application equipment specs, etc.

Split files into multiple items if larger than 15 MB:

 File Attachment

Not Applicable

Facility Plan Documents

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

Narrative

 File Attachment

[RidgeBreeze-WPDESNarrative.pdf](#)

Calculations

 File Attachment

Drawings

 File Attachment

[FIGURE2.pdf](#)

Geo Technical Reports

 File Attachment

Liquid Manure Storage Calculations

180-Day Liquid Manure Storage
Volume Calculations:

 File Attachment

[LiquidWasteStorageSpreadsheet.pdf](#)

The [180-Day Liquid Manure Storage Calculation](#) template is a Microsoft Excel spread sheet published by the WI DNR .

If you would like to use this pre-built template:

1. Download the spreadsheet and save it to your computer
2. Open the spreadsheet in an application that can read a Microsoft .xls file.
3. Complete the form and save it to your computer
4. Upload the completed file to the attachment area above

Supporting Document for 180-day Liquid
Manure Storage Volume Calculations:

 File Attachment

[2023SingleWasteStorageCalculations.pdf](#)

The [Supporting Documentation for the 180-Day Liquid Manure Storage Volume Calculations](#) template is a Microsoft Excel spread sheet published by the NRCS. If you would like to use this pre-built template:

1. Download the spreadsheet and save it to your computer
2. Open the spreadsheet in an application that can read a Microsoft .xls file.
3. Complete the form and save it to your computer
4. Upload the completed file to the attachment area above

Missing items:

Site Specific Documents

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

Site Maps

Aerial Maps for each site:

 File Attachment

[FIGURE2.pdf](#)

Soil Maps for each site:

 File Attachment

[SoilsMap.pdf](#)

Environmental Analysis Questionnaire

 File Attachment

An [Environmental Analysis Questionnaire](#) (EAQ) must be submitted as part of your application. Please download using the hyperlink, fill out, and then attach the document.

Other

Other Attachments:

 File Attachment

[RidgeBreeze-WPDESNarrative.pdf](#)

(Click insert to add additional attachments. Use your cursor to hover over the file name field. When the drop down arrow appears, select insert or remove item)

The current Animal Unit Calculation Worksheet must be filled out **separately** for the "main" site and each site which are owned or operated by your farm for the purposes of housing animals associated with your operation. The site name, for which you are filling this worksheet out, must be provided below and correlate with Form 3400-25 Site Information (Section II).

Current Animal Unit Calculation Numbers

Name of Site : Ridge Breeze Dairy

Note: Site Selections can be modified or added on page 2 of Form 3400-25C

- Check here if there are no projected increases in animal numbers at this site within the next five years.
 No Animals present at this site.

Animal Type		I. Mixed Animal Units				II. Non-Mixed Animal Units		
		b. Equiv. Factor	% open confinement	c. Current Number	d. No. of AUs	e. Equiv. factor	f. Current Number	g. No of AUs
<i>Example - Broilers (non-liquid manure):</i>		0.005 x	80 %	150,000	= 750	0.008 x	150,000	= 1200
Dairy Calves (under 400 lbs)		0.2 x	0 %	0	0.0			
Beef Calves (under 400 lbs)		0.2 x	0 %	0	0.0			
Dairy Cattle	Milking & Dry Cows	1.40 x	0 %	1,700	2,380.0	1.43	1,700	2,431.0
	Heifers (800 lbs to 1200 lbs)	1.10 x	0 %	0	0.0	1.00	0	0.0
	Heifers (400 lbs to 800 lbs)	0.60 x	0 %	0	0.0			
Beef	Steers or Cows (400 lbs to market)	1.00 x	0 %	0	0.0	1.00	0	0
	Bulls (each)	1.40 x	0 %	0	0.0			
	Veal Calves	0.50 x	0 %	0	0.0			
Swine	Pigs (up to 55 lbs)	0.10 x	0 %	0	0.0	0.40	0	0.0
	Pigs (55 lbs to market)	0.40 x	0 %	0	0.0			
	Sows (each)	0.40 x	0 %	0	0.0			
	Boars (each)	0.50 x	0 %	0	0.0			
Chickens	Layers (each) -non-liquid manure system	0.01 x	0 %	0	0.0	0.0123	0	0.0
	Broilers/Pullets (each) -non-liquid manure system	0.005 x	0 %	0	0.0	0.008	0	0.0
	Per Bird -liquid manure system	0.033 x	0 %	0	0.0	0.0333	0	0.0
Ducks	Ducks (each) -liquid manure system	0.2 x	0 %	0	0.0	0.2	0	0.0
	Ducks (each) -non-liquid manure system	0.01 x	0 %	0	0.0	0.0333	0	0.0
Turkeys (each)		0.018 x	0 %	0	0.0	0.018	0	0.0
Sheep (each)		0.1 x	0 %	0	0.0	0.1	0	0.0
Horses (each)		2 x	0 %	0	0	2	0	0

Total Animal Units

Total Mixed Animal Units=
(add all rows above)
2,380.0

Total Non -Mixed Animal Units=
(Enter the single highest number from any row
above; DO NOT add the totals)
2,431.0

Animal Unit Calculation Worksheet
Form 3400-25A (R 3/2012)

The current Animal Unit Calculation Worksheet must be filled out **separately** for the "main" site and each site which are owned or operated by your farm for the purposes of housing animals associated with your operation. The site name, for which you are filling this worksheet out, must be provided below and correlate with Form 3400-25 Site Information (Section II).

Projected Animal Unit Calculation Numbers

Name of site: Ridge Breeze Dairy

Animal Type	I. Mixed Animal Units				II. Non-Mixed Animal Units			
	b. Equiv. Factor	% open confinement	c. Current Number	d. No. of AUs	e. Equiv. factor	f. Current Number	g. No of AUs	
Example - Broilers (non-liquid manure):	0.005 x	80 %	150,000	= 750	0.008 x	150,000	= 1200	
Dairy Calves (under 400 lbs)	0.2 x	0 %	0	0.0				
Beef Calves (under 400 lbs)	0.2 x	0 %	0	0.0				
Dairy Cattle	Milking & Dry Cows	0 %	6,200	8,680.0	1.43 x	6,200	8,866.0	
	Heifers (800 lbs to 1200 lbs)	0 %	300	330.0	1.00 x	300	300	
	Heifers (400 lbs to 800 lbs)	0 %	0	0.0				
Beef	Steers or Cows (400 lbs to market)	0 %	0	0	1.00 x	0	0.0	
	Bulls (each)	0 %	0	0.0				
	Veal Calves	0.50 x	0 %	0	0.0	1.00 x	0	0.0
Swine	Pigs (up to 55 lbs)	0 %	0	0.0	0.40 x	0	0.0	
	Pigs (55 lbs to market)	0 %	0	0.0				
	Sows (each)	0.40 x	0 %	0				0.0
	Boars (each)	0.50 x	0 %	0				0.0
Chickens	Layers (each) -non-liquid manure system	0 %	0	0.0	0.0123 x	0	0.0	
	Broilers/Pullets (each) -non-liquid manure system	0.005	0 %	0	0.008 x	0	0.0	
	Per Bird -liquid manure system	0.033	0 %	0	0.0333 x	0	0.0	
Ducks	Ducks (each) -liquid manure system	0 %	0	0.0	0.2 x	0	0.0	
	Ducks (each) -non-liquid manure system	0.01 x	0 %	0	0.0333 x	0	0.0	
Turkeys (each)	0.018 x	0 %	0	0.0	0.018 x	0	0.0	
Sheep (each)	0.1 x	0 %	0	0.0	0.1 x	0	0.0	
Horses (each)	2 x	0 %	0	0	2 x	0	0	

Total Animal Units

Total Mixed Animal Units=
(add all rows above)
9,010.0

Total Non -Mixed Animal Units=
(Enter the single highest number from any row
above; DO NOT add the totals)
8,866.0

Sign and Submit Permit

Steps to Complete the signature process

1. Read and Accept the Terms and Conditions
2. Press the Initiate Signature Process button
3. You will receive an email (within 5 minutes) with instructions to complete the signature process.
4. Follow the instructions in the email.

You will receive an acknowledgement email upon completing these steps.

Terms and Conditions

I certify that:

1. I am the owner or corporate officer (if incorporated) of the operation submitting this WPDES permit application, and my name and electronic signature are provided below.
2. I have reviewed the information contained in this application and that to the best of my knowledge and belief such information is true, complete and accurate.
3. I concur with all applicable certifications below relating the Nutrient Management Plan and any engineering plans or evaluations included within (or required as part of) this application.
4. I believe that the provided CAFO Nutrient Management Plan complies with all NR 243.14, Wis. Adm. Code, and applicable NRCS 590 criteria.
5. I believe the proposed project will comply with discharge limitations in s. NR 243.13, Wis. Adm. Code.
6. For proposed plans and specifications, a post construction report will be submitted to the DNR with a statement that construction conforms with applicable administration codes, NRCS Standards, and approved plans and specifications.

I understand that pursuant to s. 283.91(4), Wis. Stats., any person who knowingly makes any false statement representation or certification in a document filed with the DNR may be punished by a fine of not more than \$10,000 or by imprisonment for not more than 6 months or both.

NOTE: For security purposes all email correspondence will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click [HERE](#).

Authorized Signature

Enter Your Name:

I accept the above terms and conditions.

Signed by : i:0#.f|wamsmembership|mikebucher on 2024-01-22T08:52:13

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application.