Permit Fact Sheet

General Information

Permit Number	WI-0066028-02-1
Permittee Name	Lake Breeze Dairy LLC
Address	W2651 Kiel Road, Malone, WI 53049
Permit Term	January 02, 2025 to December 31, 2029 [Modification 8/1/2026]
Receiving Water	Pipe Creek within the Lake Winnebago Watershed and groundwaters of the state
Discharge Type	Existing source CAFO per NR 243.03 (23)

Animal Units					
	Current AU		**Proposed AU** **(Note: If all zeroes, expansions are not expected during permit term)**		
Animal Type	**Mixed**	**Individual**	**Mixed**	**Individual**	**Date of Proposed Expansion**
Milking and Dry Cows	5600	5720	0	0	N/A
Total	5600	5720	0	0	N/A

Facility Description

Lake Breeze Dairy LLC (Lake Breeze) is an existing Concentrated Animal Feeding Operation (CAFO) located at W2651 Keil Road, Town of Calumet, Fond du Lac County, Wisconsin. Lake Breeze is owned and operated by the Breeze Dairy Group and consists of a main production site with four free stall barns, four waste storage facilities, a proposed leachate management pond, and an asphalt feed pad. The dairy has approximately 4000 milking/dry cows (5,600 animal units) with no proposed plans for expansion for the current permit term. Based on herd size, Lake Breeze has approximately 316 days of manure and process wastewater storage and 13,096 acres approved in their nutrient management plan, of which 12,857 are available to receive manure.

Lake Breeze requested a modification to its WPDES permit to accommodate the construction and use of a leachate management pond to satisfy permit requirements in Section 2.5 Feed Storage- Runoff Control System Improvements. In addition, waste storage facilities 1-4 are being relined to satisfy permit requirements in Section 2.6 Manure Storage Facility- Structural Repairs. New sample points and updated sample point language has been added to the permit for this modification. Only aspects of the modification action are subject to the public input process. This includes the addition of sample point 011 and update of sample points 001, 002, 003, and 004.

Substantial Compliance Determination

Enforcement During Last Permit: None.

After a desktop review of Lake Breeze's permit modification request, previous reissuance application, land application reports, and compliance schedule items, this facility has been found to be in substantial compliance with their current permit.

Compliance determination made by Jean Weaver- Agriculture Runoff Specialist on 6/11/2026.

Sample Point Descriptions

Sample Point Designation For Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
001	Sample point 001is for liquid waste storage facility 1 (WSF-1) located at the Main Dairy. WSF-1 is the southeast rectangular earthen storage constructed in 2002 and modified in 2026 with a maximum operating level of approximately 2,548,278 gallons. This structure is stage one of the two stage system that accepts manure and process wastewater from the sand settling lanes and overflows to WSF 3. Representative samples shall be taken monthly when land applying this material.	
002	Sample point 002 is for liquid waste storage facility 2 (WSF-2) located at the Main Dairy. WSF-2 is the northeast rectangular earthen storage constructed in 2002 and modified in 2026 with a maximum operating level of approximately 2,849,647 gallons. This structure is stage one of the two stage system that accepts manure and process wastewater from the sand settling lanes and overflows into WSF 3 or WSF 4. Representative samples shall be taken monthly when land applying this material.	
003	Sample point 003 is for liquid waste storage facility 3 (WSF-3) located at the Main Dairy. WSF-3 is the southwest rectangular earthen storage constructed in 2002 and modified in 2026 with a maximum operating level of approximately 20,752,503 gallons. This storage accepts manure and process wastewater from WSF 1 and 2. Representative samples shall be taken monthly when land applying this material.	
004	Sample point 004 is for liquid waste storage facility 4 (WSF-4) located at the Main Dairy. WSF-4 is the northwest rectangular earthen storage constructed in 2005 and modified in 2026 with a maximum operating level of approximately 20,096,382 gallons. This storage accepts manure and process wastewater from WSF 2 and 3. Representative samples shall be taken monthly when land applying this material.	
006	Sample point 006 is for any manure solids removed from bottom of liquid waste storage facilities. This includes manure-laden sand solids, manure fibers, etc. Representative samples shall be taken from each waste storage facility.	
007	Sample point 007 is for miscellaneous solid source materials that are stored in the Solid Stacking Bunker. Potential sources include maternity pen pack, calf pen pack, waste feed, etc. Representative samples shall be taken for each solid source type prior to land applying the material.	
008	Sample point 008 is for the sand lane storage area. All manure-laden sand shall be stacked in designed storage areas with runoff collected. If any manure-laden sand is directly land applied representative samples shall be taken.	
009	Sample point 009 is for visual monitoring and inspection of the feed storage area and associated runoff control systems. Proper operation and maintenance is required to ensure discharges of process wastewater to waters of the state do not occur. Weekly inspections are required and shall be recorded according to the operation's self monitoring and inspection program.	
010	Sample point 010 is for visual monitoring and inspection of all production site storm water conveyance systems. This includes roof gutter downspouts, drainage tile systems, storm water ponds, grassed	

Sample Point Designation For Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
	waterways, and other diversion systems that transport uncontaminated storm water off site. Proper operation and maintenance is required to keep uncontaminated runoff diverted away from manure and process wastewater handling systems. Weekly inspections are required and shall be recorded according to the operation's self-monitoring and inspection program.	
011	Sample point 011 is for the concrete leachate management pond constructed in 2026 east of the Feed Storage Area (FSA). It has a usable volume of approximately 4,706,907 gallons and accepts all leachate and process wastewater from the FSA.	

Permit Requirements

1 Livestock Operations - Proposed Operation and Management

Production Area Discharge Limitations

Beginning on the effective date of the permit, the permittee may not discharge pollutants from the operation's production area (e.g., manure storage areas, outdoor animal lots, composting and leachate containment systems, milking center wastewater treatment/containment systems, raw material storage areas) to navigable waters, except in the event a 25-year, 24-hour rainfall event (or greater) causes the discharge from a structure which is properly designed and maintained to contain a 25-year, 24-hour rainfall event for this location as determined under s. NR 243.04. If an allowable discharge occurs from the production area, state water quality standards may not be exceeded.

Runoff Control

The permit requires control of contaminated runoff from all elements of the production area to prevent a discharge of pollutants to navigable waters in accordance with the Production Area Discharge Limitations and to comply with surface water quality standards and groundwater standards. Beginning on the effective date of this permit, (if needed) interim measures shall be implemented to prevent discharges of pollutants to navigable waters. In addition, permanent runoff control system(s) shall be designed, operated and maintained in accordance with the requirements found in USDA Natural Resources Conservation Service standards and ch. NR 243, Wis. Adm. Code. If any upgrading or modifications to runoff controls are necessary, formal engineering plans and specifications must be submitted to the Department for approval.

Manure and Process Wastewater Storage

The permit requires the operation to have adequate storage for manure and process wastewater and that storage or containment facilities are designed, operated and maintained to prevent overflows and discharges to waters of the state. In order to prevent overflows, the permittee must maintain levels of materials in liquid storage or containment facilities at or below certain levels including a one foot margin of safety that can never be exceeded. If any upgrading or modifications to the storage facilities are necessary, formal engineering plans and specifications must be submitted to the Department for approval.

The permittee currently has approximately 316 days of storage for liquid manure. The permittee must maintain 180 days of storage, unless temporary reductions in required storage are approved by the Department.

Solid Manure Stacking

The operation has proposed to stack solid manure. All stacking of solid manure shall be done in accordance ch. NR 243, Wis. Adm. Code, which includes restrictions from NRCS Standard 313. Stacking of manure is considered to be part of the production area and is subject to the Production Area Discharge Limitations.

Ancillary Service and Storage Areas

The permittee shall take preventative maintenance actions and conduct visual inspections to minimize pollutant discharges from areas of the operation that are not part of the production area or land application areas. These areas are called ancillary service and storage areas and include access roads, shipping and receiving areas, maintenance areas, refuse piles and CAFO outdoor vegetated areas.

Nutrient Management

With 4,000 milking/dry cows (5,600 animal units), it is estimated that approximately 53,336,566 gallons of manure and process wastewater will be produced per year. The permittee owns *approximately* 0 acres of cropland and controls about 13,096 acres through contracts, rental agreements, leases, or manure agreements. Given the rotation commonly used by the permittee, 12,857 acres are available (or open) to receive manure and process wastewater on an annual basis. The permit requires all landspreading of manure and process wastewater be completed in accordance with an approved nutrient management plan. The permit will require sampling and analysis of manure and process wastewater that will be landspread. Landspreading rates must be adjusted based on sample analysis. The permit requires the permittee to maintain a daily log that documents landspreading activities. The permit also requires the submittal of an annual report that summarizes all landspreading activities. Plans must be updated annually to reflect cropping plans and other operational changes. Among the requirements, the plans must include detailed landspreading information including field by field nutrient budgets.

The permittee is required to implement a number or practices to address potential water quality impacts associated with the land application of manure and process wastewater. Among the permit conditions are restrictions on manure ponding, restrictions on runoff of manure and process wastewater from cropped fields, and setbacks from wells and direct conduits to groundwater (e.g., sinkholes, fractured bedrock at the surface). In addition, the permittee must implement a phosphorus based nutrient management plan that addresses phosphorus delivery to surface waters by basing manure and process wastewater applications on soil test phosphorus levels or the Wisconsin Phosphorus index. Additional phosphorus application restrictions apply to fields that are high in soil test phosphorus (>100 ppm).

The permittee must also implement conservation practices when applying manure near navigable waters and their conduits, referred to as the Surface Water Quality Management Area (SWQMA). These practices include a 100-foot setback from navigable waters and their conduits, a 35-foot vegetated buffer adjacent to the navigable water or conduit, or a practice that provides equivalent pollutant reductions equivalent to or better than the 100-foot setback.

In addition, the permittee must comply with restrictions on land application of manure and process wastewater on frozen or snow-covered ground. Included in these restrictions is a prohibition on surface applications of solid manure ($\geq$12% solids) on frozen or snow-covered ground during February and March. Non-emergency surface applications of liquid manure (<12%) on frozen or snow-covered ground are prohibited.

Monitoring and Sampling Requirements

The permittee must submit a monitoring and inspection program that outlines how the permittee will conduct self-inspections to determine compliance with permit conditions. These self-inspections include visual inspections of water lines, diversion devices, storage and containment structures and other parts of the production area. The permit requires periodic inspections and calibrations of landspreading equipment. The permittee must take corrective actions to problems identified inspections or otherwise notify the Department. Samples of manure, process wastewater and soils receiving land applied materials from the operation must also be collected and analyzed.

Sampling Points

The permit identifies the different sources of land applied materials (e.g., manure storage facilities, milking centers, egg-washing facilities) as "Sampling Points." For these Sampling Points, the permittee is required to sample and analyze the different sources for nutrients and other parameters which serve as the basis for determining rates of application for these materials. Other areas are also identified as Sampling Points as a means of identifying them as areas requiring action by the permittee, such as an upgrade or evaluation of a certain system or structure (e.g., runoff control systems), even though sampling is not actually required.

1.1 Sample Point Number: 001- WSF 1 - liquid; 002- WSF 2 - liquid; 003- WSF 3 - liquid; 004- WSF 4 - liquid, and 011- 011

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
Nitrogen, Total		lb/1000gal	2/Month	Grab	
Nitrogen, Available		lb/1000gal	2/Month	Calculated	
Phosphorus, Total		lb/1000gal	2/Month	Grab	
Phosphorus, Available		lb/1000gal	2/Month	Calculated	
Solids, Total		Percent	2/Month	Grab	

1.1.1 Changes from Previous Permit

Sample points 001-WSF 1, 002-WSF 2, 003-WSF 3, and 004-WSF 4 were edited to include updated descriptions to reflect proposed waste storage facility repairs. Sample point 011 was added for the proposed construction of a leachate management pond.

1.1.2 Explanation of Operation and Management Requirements

Liquid manure and process wastewater sources must be properly stored and land applied in accordance with the permit and department approved Nutrient Management Plan.

1.2 Sample Point Number: 006- WSF Solids; 007- Solid Stacking Bunker; 008- Sand Lane Storage

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
Nitrogen, Total		lbs/ton	Quarterly	Grab	
Nitrogen, Available		lbs/ton	Quarterly	Calculated	
Phosphorus, Total		lbs/ton	Quarterly	Grab	
Phosphorus, Available		lbs/ton	Quarterly	Calculated	
Solids, Total		Percent	Quarterly	Grab	

1.2.1 Changes from Previous Permit

None.

1.2.2 Explanation of Operation and Management Requirements

Solid manure sources must be properly stored and land applied according to the permit and department approved Nutrient Management Plan.

1.3 Sample Point Number: 009- Feed Storage Runoff and 010- Storm Water Runoff

1.3.1 Changes from Previous Permit

None.

1.3.2 Explanation of Operation and Management Requirements

There is no required nutrient sampling for the runoff control sample points. Rather, weekly or quarterly inspections are required and shall be recorded according to the monitoring plan and submitted with the Annual Report.

2 Schedules

2.1 Emergency Response Plan

Required Action	Due Date
Develop Emergency Response Plan: Develop a written Emergency Response Plan within 30 days of permit coverage, available to the Department upon request.	01/30/2025

2.2 Monitoring & Inspection Program

Required Action	Due Date
Proposed Monitoring and Inspection Program: Consistent with the Monitoring and Sampling Requirements subsection, the permittee shall submit a proposed monitoring and inspection program within 30 days of the effective date of this permit.	01/30/2025

2.3 Annual Reports

Required Action	Due Date
Submit Annual Report #1: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E	01/31/2025
Submit Annual Report #2: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E	01/31/2026

Submit Annual Report #3: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E	01/31/2027
Submit Annual Report #4: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E	01/31/2028
Submit Annual Report #5: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E	01/31/2029
Ongoing Annual Reports: Continue to submit Annual Reports until permit reissuance has been completed.	

2.4 Nutrient Management Plan

Required Action	Due Date
Management Plan Annual Update #1: Submit an Annual Update to the Nutrient Management Plan by March 31st of each year. Note: In addition to Annual Updates, submit Management Plan Amendments to the Department for written approval prior to implementation of any changes to nutrient management practices, in accordance with the Nutrient Management requirements in the Livestock Operational and Sampling Requirements section.	03/31/2025
Management Plan Annual Update #2: Submit an Annual Update to the Nutrient Management Plan.	03/31/2026
Management Plan Annual Update #3: Submit an Annual Update to the Nutrient Management Plan.	03/31/2027
Management Plan Annual Update #4: Submit an Annual Update to the Nutrient Management Plan.	03/31/2028
Management Plan Annual Update #5: Submit an Annual Update to the Nutrient Management Plan.	03/31/2029
Ongoing Management Plan Annual Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed.	

2.5 Feed Storage - Runoff Control System Improvements

Required Action	Due Date
Plans and Specifications: Submit plans and specifications for Department review and approval to permanently correct any adverse conditions identified as part of the engineering evaluation for the feed storage area in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code.	12/31/2025
Corrections and Post Construction Documentation: Complete construction of improvements to permanently correct any adverse conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	12/31/2026

2.6 Manure Storage Facility - Structural Repairs

Required Action	Due Date
Plans and Specifications: Submit plans and specifications for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code, to permanently correct any adverse manure storage conditions.	12/31/2025
Corrections and Post Construction Documentation: Complete construction on the manure storage facility that permanently corrects any adverse conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	12/31/2027

2.7 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	07/03/2029

2.8 Explanation of Schedules

The following schedule items are standard permit requirements to monitor and fulfill requirements of discharge limitations, and ensure compliance with s. NR243, Wis. Admin. Code, Requirements: Emergency Response Plan, Monitoring and Inspection Program, Annual Reports, Nutrient Management Plan, Submit Permit Reissuance Application.

- An emergency response plan is required to be developed per s. NR 243.13(6)(a) Wis. Admin. Code.
- A monitoring and inspection program is required to be submitted per s. NR 243.19(1) Wis. Admin. Code.
- Annual reports are required to be submitted per s. NR 243.19(3) Wis. Admin. Code.
- Nutrient management plan updates are required to be submitted per s. NR 243.19(3) Wis. Admin. Code.
- A permit reissuance application is required per s. NR 243.12(1)(d) Wis. Admin. Code.

Section 2.5 Feed Storage- Runoff Control System Improvements & Section 2.6 Manure Storage Facility- Structural Repairs: Corrections and Post Construction Documentation are required to satisfy NR 243.15(10) Wis. Admin. Code.

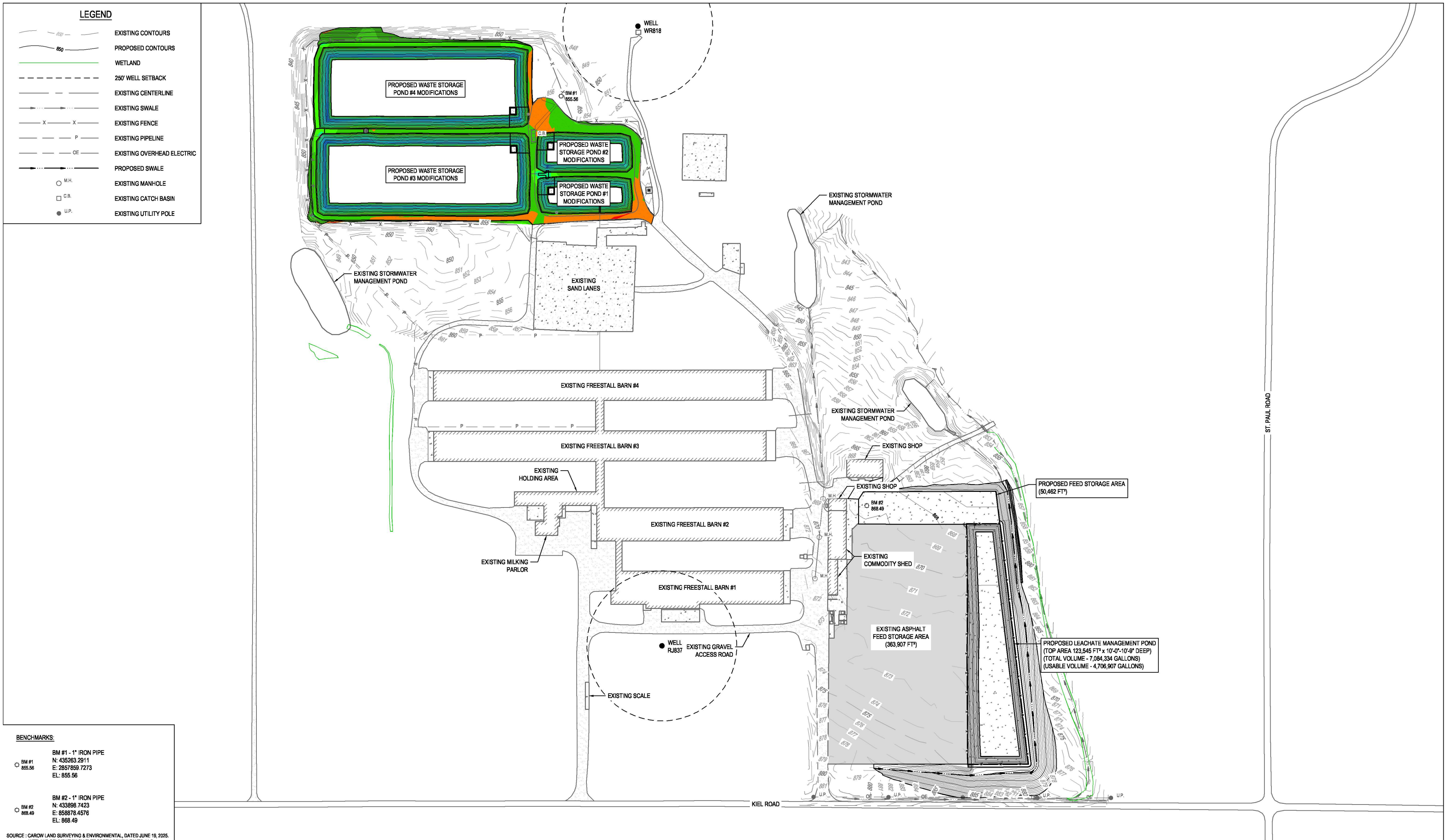
Attachments

Farm Overview Map
Conditional Approval of Plans & Specs R-2025-0274 [3/31/2026]
5-year NMP Conditional Approval Letter [07/09/2024]

Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit reissuance

Prepared By: Jean Weaver Agricultural Runoff Management Specialist Date: 6/11/2026



No.	Issue	Checked	Approved	Date
B	FOR PERMIT	N.C.	D.G.	12/04/2025
A	FOR CLIENT REVIEW	N.Q.	N.C.	11/03/2025

Author N. QUEHL — Drafting Check L. LUDTKE — Project Manager J. KEUNING

Designer N. QUEHL — Design Check D. GATRELL — Project Director N. COADY

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Client **LAKE BREEZE DAIRY, LLC**
FOND DU LAC COUNTY, WISCONSIN
Project **WPDES PERMIT MODIFICATION**

Title **SITE PLAN**
PROPOSED CONDITIONS

Size ANSI D

Project No.	Date	Scale
12655590-RPT005	March 9, 2026	1" = 150'

Sheet No. **FIGURE 6**

Plot Date: 9 March 2026 - 9:49 AM — Plotted By: Lexie Ludtke — Path and Filename: C:\ACSKACCDocs\GHD Services Pty Ltd\12655590-Lake Breeze WSP\Project Files\01 WIP\Civil\C3D\Figures\RPT005\12655590-GHD-00-00-DRG-CI-0103-001.dwg

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March 31, 2026

FILE REF: R-2025-0274
WPDES Permit #: WI-0066028

Brad Gerrits
Lake Breeze Dairy LLC
W2651 Kiel Road
Malone, WI 53049

Subject: Conditional Approval of Plans & Specifications for a Proposed Feed Storage Area Expansion, Leachate Management Pond, Waste Storage Pond Repairs for WSPs 1-4, and Abandonment of the Existing Leachate Collection System at Lake Breeze Dairy LLC in T17N, R18E, Section 25, Calumet Township, Fond du Lac County

Dear Mr. Gerrits:

This letter is to inform you that the Wisconsin Department of Natural Resources (Department) has reviewed and conditionally approves the above referenced plans and specifications, submitted under certification by Douglas Gatrell, P.E., GHD Services, Inc. and received on December 10, 2025 with revisions received on March 18, 2026. An extension was requested by GHD to allow time to work through review comments and to allow the Department time to review the revisions to the plans. The review was conducted in accordance with s. 281.41, Wis. Stats., chs. NR 151, NR 213 and NR 243, Wis. Adm. Code, and applicable NRCS Standards. The attached engineering report describes the project, lists standards that apply and provides compliance analysis. Questions may be directed to the assigned regional staff or the review engineer Rob Davis (contact information is at the end of this letter).

Proposed Project: The proposed project includes the following facilities that are reviewable under s. NR 243.15, Wis. Adm. Code: Proposed Feed Storage Area Expansion, Leachate Management Pond, Waste Storage Pond Repairs for WSPs 1-4, and Abandonment of the Existing Leachate Collection System.

Conditions of Approval: The plans and specifications for project number R-2025-0274 are hereby approved and subject to chs. NR 151, NR 213 and NR 243, Wis. Adm. Code, and the conditions listed below:

1. Approval Conditions: The following condition is authorized to address potential pollutant discharge, based on the site specific factors listed in s. NR 243.15(1)(d), Wis. Adm. Code, and described in the attached engineering report.
    a. Soil Investigations (Leachate Management Pond): This approval is conditional upon completing adequate soil investigations to confirm separation to bedrock and saturation per NRCS 313 and 520 for the proposed leachate management pond (LMP). As requested in the project narrative, two additional test pits will be completed during construction to complete the coverage and depth requirement of NRCS 313 and 520. This is included in the Foundation, Excavation, and Backfill Note 11 on Sheet 002 of the LMP plans and the confirmatory test pit locations and depths are shown on Sheet 004 of the LMP plans. The additional soil investigation information must be submitted to Rob Davis prior to the placement of the liner and must also be included with the post-construction documentation. The seven soil investigations that were completed for the LMP show no indication that there will be any issues with separation.
2. Revisions: If revisions are made to the approved plans and specifications, revised plans and specifications shall be submitted for approval modification, in accordance with ss. NR 108.03 and NR 108.04, Wis. Adm. Code, and s. 281.41(1)(c), Wis. Stats. Submit revised plans and specifications via the Department's e-Permitting System. Note: This includes revisions for local permitting. If a formal approval modification may not be warranted, contact the review engineer to confirm.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

Tony Evers, Governor
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July 9, 2024

Fond Du Lac County
Approval

Brad Gerrits
Lake Breeze Dairy LLC
W2651 Kiel Rd
Malone, WI 53049

SUBJECT: Conditional Approval of Lake Breeze Dairy LLC Nutrient Management Plan, WPDES Permit No. 0066028-02-0

Dear Mr. Gerrits:

After completing a review of Lake Breeze Dairy LLC 2024-2028 Nutrient Management Plan (NMP) the Wisconsin Department of Natural Resources (Department) is providing conditional approval that it is consistent with Nutrient Management Requirements in s. NR 243, Wis. Adm. Code. This part of your WPDES permit application is now ready for the public notice and comment process as required by Ch. 283 Stats.

Before applying manure onto approved fields each season, the Department recommends Lake Breeze Dairy LLC review the NMP with those individuals involved with manure applications to ensure all remain familiar with the approved manure spreading protocol, spreading maps, field and map verification, record keeping requirements, and all the conditions of this approval. Specifically, some fields in Lake Breeze Dairy LLC may have:

- Soils that may have bedrock or groundwater within 24 inches of surface,
- Multiple setback areas due to streams, conduits to streams, grassed waterways, wetlands or wells, and
- Evidence of possible soil erosion/flow channels. Note: road ditches or other man made channels may be considered flow channels or conduits to navigable water and may be subject to a SWQMA and setback.

Reviewing the NMP and checking fields for these features and soil conditions prior to manure applications will help Lake Breeze Dairy LLC maintain compliance with their WPDES permit and Ch. NR 243 requirements.

FINDINGS OF FACT

The Department confirms that:

1. A current dairy herd size of 5,040 animal units (5,040 milking & dry cows, 0 heifers, and 0 calves). Currently there are no planned expansions in the next permit term.
2. Manure generation and spreading records indicate your herd will annually generate approximately 42,797,656 gallons of manure and process wastewater and 1,500 tons of solid manure in the first year of the permit term.
3. The use of application restriction options 1 and 5 within surface water quality management areas.
4. The use of phosphorus delivery method P Index.
5. That Lake Breeze Dairy LLC currently has 13,096 acres (0 owned and 13,096 controlled through contracts, rental agreements or leases, or under manure agreements) of which 12,857 are spreadable acres.

6. That some fields included in the NMP are directly adjacent to or have high potential to deliver nutrients and sediment to Mud Creek (listed 303(d) impaired water by 'Total Phosphorus, Total Suspended Solids, Chloride, and Unknown Pollutant'), South Branch Manitowoc River (listed 303(d) impaired water by 'Total Phosphorus, PCBs, and Unknown Pollutant'), Unnamed 132100 (listed 303(d) impaired water by 'Total Phosphorus'), Unnamed 3000057 (listed 303(d) impaired water by 'Total Suspended Solids'), Pine Creek (listed 303(d) impaired water by 'Total Phosphorus, PCBs, and Unknown Pollutant'), and Jordan Creek (listed 303(d) impaired water by 'PCBs').
7. That no fields are directly adjacent to or have high potential to deliver nutrients and sediment to outstanding/exceptional waters.
8. That the following fields included in the NMP are located within the well head protection area for the Village of Stockbridge: 338 and the city of New Holstein: 317 and 312.
9. That Lake Breeze Dairy LLC has fields in the nutrient management plan that are tiled.
10. That all fields will be checked for the following features prior to/during manure or process wastewater applications: soil areas with possible shallow groundwater (i.e., within 24 inches of surface) at the time of manure application; required setbacks associated with wells, navigable waters, conduits to navigable waters, grassed waterways, wetlands, possible soil erosion/flow channels.
11. That surface applications of manure will not be completed when precipitation capable of producing runoff is forecasted within 24 hours of the time of planned application.

CONDITIONAL NUTRIENT MANAGEMENT PLAN APPROVAL

The Department hereby approves the 2024-2028 Lake Breeze Dairy LLC Nutrient Management Plan subject to the following conditions and the applicable requirements of Ch. NR 243, Wis. Adm. Code:

FIELD AND MANURE MANAGEMENT

1. Fields not included in the NMP and new fields shall not receive manure or process wastewater applications until they have been properly soil sampled, entered into Snap Plus, evaluated for their nutrient needs, and approved by the Department.

2. The following fields have also been approved to receive industrial, municipal, or septage waste:

Field Name	Other Permittee Name	Other Permittee Field Name	DNR #
01-05-014	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	11-C	41119
01-05-027	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	16-1	83345
01-05-039	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	17-A	87340
01-05-039	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	17-B	87341
01-05-039	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	17-C	87342

01-05-039	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	17-D	119338
01-05-039	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	17-E	119339
01-05-039	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	17-F	119340
01-05-041	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	15-A	46668
01-05-041	NEW HOLSTEIN WASTEWATER TREATMENT FACILITY	15-B	46669
01-06-001	APPLETON WASTEWATER TREATMENT FACILITY	RJD-8	117939
01-06-011	APPLETON WASTEWATER TREATMENT FACILITY	RJD-8	117939
01-06-013	APPLETON WASTEWATER TREATMENT FACILITY	RJD-8	117939

Prior to any manure applications on these fields Lake Breeze Dairy LLC shall contact the entities listed above to obtain recent spreading records and make the necessary adjustments to the planned manure application rates. At the end of each year Lake Breeze Dairy LLC shall contact each entity listed above to obtain spreading records from the previous year so that they can be properly tracked in the NMP. Please Note: Lake Breeze Dairy LLC is responsible for obtaining nutrient content values for all other wastes spread on any field in their NMP.

3. The following fields are prohibited from receiving applications of manure or process wastewater due to having soil test P levels >200ppm

- 01-02-002
- 01-12-013
- 01-27-002

4. The following fields are prohibited from receiving applications of manure or process wastewater due to having outdated soil tests.

- 01-06-004
- 01-06-007
- 01-08-016
- 01-08-027
- 01-19-001
- 01-19-002
- 01-19-003
- 01-19-004
- 01-19-005
- 01-21-002
- 01-21-003
- 01-21-004
- 01-21-005
- 01-21-006
- 01-23-003
- 01-23-004
- 01-23-007
- 01-23-008
- 01-23-012
- 01-23-014
- 01-23-016
- 01-26-001
- 01-27-030
- 01-35-017
- 01-27-063
- 01-27-064
- 01-27-065
- 01-35-012
- 01-35-013
- 01-35-014
- 01-35-015
- 01-35-016

5. The following fields are prohibited from receiving applications of manure or process wastewater due to not meeting P Index requirements:

   - 01-16-020

   If Lake Breeze Dairy LLC wishes to use these fields for applications of manure or process wastewater all necessary information shall be submitted to the Department prior to application to demonstrate compliance with NR 243 and other applicable codes. Written Department approval amending this condition approval must be received prior to application.

6. If existing fields yield a soil test results equal to or greater than 200 ppm P, those fields would be prohibited from receiving manure or process wastewater applications, unless you obtain Department approval in accordance with NR 243.14(5)(b)2., Wis. Adm. Code.

7. All liquid manure samples collected may be analyzed, at a minimum, for percent dry matter, total nitrogen, percent NH_4-N, percent NO_3-N, phosphorus, potassium, and sulfur.

8. If manure sample results have a dry matter (DM) content less than 2.0% and the percent ammonium (NH_4^+) is greater than 75% of the total N, Lake Breeze Dairy LLC may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

   $$\text{First-Year Available N} = NH_4\text{-N} + [0.25 \times (\text{Total N} - NH_4\text{-N})]$$

9. Lake Breeze Dairy LLC shall record daily manure applications by using form 3200-123A. These forms shall be retained at the farm and provided to the department upon request.

10. Lake Breeze Dairy LLC shall annually submit a spreading report that summarizes the land application activities listed under NR 243.19(3)(c)5., Wis. Adm. Code by using form 3200-123.

WINTER SPREADING

11. Liquid manure applications during winter conditions, as defined by NR 243.14(7), Wis. Adm. Code, are prohibited with the exception of emergency applications.

12. The following field(s) are approved for winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:

- 01-02-003	- 01-02-005	- 01-02-006
- 01-03-002	- 01-03-008	- 01-27-001
- 01-27-005	- 01-27-006	- 01-27-007
- 01-27-022	- 01-27-051	- 01-27-061

13. Winter spreading of solid and liquid manure may not occur during the “high risk runoff period” pursuant to s. NR 243.14(6)(c) and NR 243.14(7)(c), respectively.

14. Winter applications of liquid manure shall only occur under emergency situations, after notifying the Department and receiving verbal approval.

15. Liquid applications shall be limited to 3,500 gallons per acre or 30 lbs. P per acre, whichever is less, on slopes 2-6% and 7,000 gallons per acre or 60 lbs. P per acre, whichever is less, on slopes 0-2%. Winter applications of solid manure shall be limited to 60 lbs. P per acre.

HEADLAND STACKING

16. No headland stacking sites are approved.

MANURE & PROCESS WASTEWATER IRRIGATION

17. Irrigation of manure or process wastewater is prohibited.

NR243.143/151.075 SILURIAN BEDROCK PERFORMANCE STANDARDS

18. Manure generated by Lake Breeze Dairy LLC that is mechanically applied to the following approved fields meet planning requirements under NR243.143/151.075, Silurian bedrock performance standards. The following fields are required to meet all requirements under NR243.143/151.075, Silurian bedrock performance. Any fields not on this list that are identified as <20ft to Silurian bedrock must abide by the same rules: **SEE APPENDIX A FOR LIST OF FIELDS**

SUBMITAL AND RECORDKEEPING REQUIREMENTS

19. A copy of this conditional approval shall be included in all future annual Nutrient Management Plan Updates in addition to the NR 243 and NRCS 590 checklists.
20. Within 30 days of this approval, please provide verification that Lake Breeze Dairy LLC has permission to apply on fields 01-08-013 (overlapped with 3 D Dairy LLC) and 01-18-002 (overlapped with J C Mauer & Sons Inc.).

This conditional approval does not limit the Department's regulatory authority to require NMP revisions (based upon new information or manure irrigation research findings) or request additional information in order to confirm or ensure your farm operation remains in compliance with NR 243 and your WPDES permit conditions. If additional information, project changes or other circumstances indicate a possible need to modify this approval, the Department may ask you to provide further information relating to this activity.

Please keep in mind that approval by the Department of Natural Resources – Runoff Management Program does not relieve you of obligations to meet all other applicable federal, state or locate permits, zoning and regulatory requirements.

If you have any questions regarding this approval, I can be reached at 715-214-5503 or Aaron.Orourke@Wisconsin.gov.

Sincerely,

Aaron O'Rourke
WDNR Nutrient Management Program Coordinator
Wisconsin Department of Natural Resources

cc: Jeff Jackson, WDNR Agricultural Runoff Specialist (Jeffery.Jackson@Wisconsin.gov)
Brad Johnson, WDNR Watershed Field Supervisor (Bradley.Johnson@Wisconsin.gov)
Michelle Scott, WDNR Watershed Field Supervisory (Michelle.Scott@Wisconsin.gov)
Chris Clayton, WDNR Ag Runoff Section Chief (Christopherr.Clayton@Wisconsin.gov)
Ashley Scheel, WDNR CAFO NMP Reviewer (Ashley.Scheel@Wisconsin.gov)
Falon French, WDNR Intake Specialist (Falon.French@Wisconsin.gov)
Justin Loehrke, Fond Du Lac County (justin.loehrke@fdlco.wi.gov)
Alanna Muller, Calumet County (alanna.muller@calumetcounty.org)
Doug Hinz, Tilth Agronomy (doug@tilthag.com)
File

APPENDIX A: List of fields within the Silurian Bedrock Targeted Performance Standard.

01-05-001	01-06-065	01-15-009
01-05-002	01-06-066	01-15-011
01-05-006	01-06-067	01-15-012
01-05-009	01-06-068	01-15-013
01-05-010	01-06-069	01-15-014
01-05-011	01-06-070	01-15-015
01-05-012	01-06-071	01-15-016
01-05-013	01-06-072	01-15-017
01-05-014	01-06-073	01-15-018
01-05-015	01-07-001	01-15-020
01-05-020	01-07-002	01-15-021
01-05-021	01-08-001	01-16-001
01-05-022	01-08-002	01-16-002
01-05-028	01-08-003	01-16-003
01-05-030	01-08-004	01-16-004
01-05-031	01-08-005	01-16-005
01-05-034	01-08-006	01-16-006
01-05-044	01-08-007	01-16-007
01-05-045	01-08-008	01-16-008
01-06-001	01-08-011	01-16-009
01-06-002	01-08-012	01-16-027
01-06-004	01-08-015	01-16-028
01-06-005	01-08-016	01-20-012
01-06-006	01-08-023	01-20-021
01-06-007	01-08-024	01-27-003
01-06-008	01-08-025	01-27-015
01-06-009	01-08-026	01-27-016

01-06-010	01-08-027	01-27-025
01-06-011	01-08-028	01-27-026
01-06-013	01-08-029	01-27-027
01-06-015	01-08-030	01-27-028
01-06-016	01-08-031	01-27-042
01-06-017	01-08-032	01-27-046
01-06-018	01-08-033	01-27-047
01-06-019	01-08-126	01-27-048
01-06-020	01-09-008	01-27-049
01-06-021	01-09-027	01-27-050
01-06-026	01-10-001	01-27-060
01-06-027	01-10-002	01-27-062
01-06-031	01-10-003	01-27-063
01-06-032	01-10-004	01-28-001
01-06-033	01-12-009	01-28-002
01-06-046	01-12-012	01-28-003
01-06-048	01-12-013	01-28-004
01-06-052	01-12-014	01-35-010
01-06-053	01-13-003	01-35-011
01-06-055	01-13-004	01-35-012
01-06-056	01-15-001	01-35-013
01-06-058	01-15-003	01-35-014
01-06-059	01-15-004	01-35-015
01-06-060	01-15-005	01-35-016
01-06-061	01-15-006	01-35-017
01-06-063	01-15-007	
01-06-064	01-15-008	

3. Approval Period: In accordance with ss. NR 243.15(1)(a)1., and NR 108.04(2)d., Wis. Adm. Code, if construction is not commenced within 2 years from the approval date, the approval is void, and a new approval must be obtained prior to commencing construction.
4. Notification: Prior to construction and when construction is complete, notify the Department's regional contact and county contact provided a copy of the approval (contact information is at the end of this letter).
5. Inspection: During the construction of critical components, inspection shall be performed by a Wisconsin registered professional engineer or other qualified third party (excludes the owner and construction contractor and their employees).
6. Post-Construction Documentation: In accordance with the permit, a post-construction report must be submitted to the DNR's e-Permitting website (http://dnr.wi.gov/permits/water) within 60 days of completing construction. The report must include documentation specified by s. NR 243.15(10), Wis. Adm. Code.

Limitation of Approval: The Department reserves the right to order changes or additions should conditions arise making this necessary. This approval is not to be construed as a determination on the issuance of a Wisconsin Pollutant Discharge Elimination System Permit or opinion as to the ability of the proposed system to comply with effluent limitations in such a permit, approval of an Environmental Impact Statement that may be prepared, or approval for any activities requiring a permit under chs. 30 or 31, Wis. Stats. Where necessary, plans and specifications should be submitted to the Department of Safety and Professional Services or other state or local agencies to ensure conformance with applicable codes or regulations of such agencies.

Permit Implications: This letter provides authorization to commence construction of the facilities approved above. However, if the approved facilities require the addition of a sample point via a WPDES permit modification (such as for any new runoff control structures, feed and other raw materials storage, manure storage facilities, manure treatment systems or other structures or systems associated with the storage, containment, treatment or handling of manure or process wastewater), the permittee may not operate the facility until this permit has been modified or reissued to include a corresponding sampling point for the new facility.

Tax Treatment: Tangible personal property, that becomes part of a waste treatment of pollution abatement plant or equipment, may be exempt from sales tax under s. 77.45(26), Wis. Stats. Similarly, property purchased or constructed as a waste treatment facility and used for industrial waste treatment may be exempt from general property taxes under s. 70.11(21), Wis. Stats. A prerequisite to exemption is filing a statement on prescribed forms. To obtain the forms, and information about this sales tax exemption, please contact the Department of Revenue, P.O. Box 8933, Madison, WI 53708, or check their website http://www.revenue.wi.gov/.

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision, you should know that the Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to WIS. STAT. §§ 227.52 and 227.53, you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review must name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to WIS. STAT. § 227.42, you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. All requests for contested case hearings must be made in accordance with WIS. ADMIN. CODE § NR 2.05(5), and served on the Secretary in accordance with WIS. ADMIN. CODE § NR 2.03. The filing of a request for a contested case hearing does not extend the 30-day period for filing a petition for judicial review.

STATE OF WISCONSIN

DEPARTMENT OF NATURAL RESOURCES
For the Secretary

Bernie Michaud, P.E.
CAFO Engineer Supervisor
Watershed Management Program

Enclosures: Wisconsin DNR Engineering Report

Email:
Brad Gerrits; Breeze Dairy Group LLC
(920) 427-3886; bgerrits@breezedairygroup.com

Brad Murry; Fond du Lac County Land & Water
(920) 929-4679; bradly.murry@fdlco.wi.gov

Matt Woodrow, P.E.; DATCP
(920) 427-8505; matthew.woodrow@wisconsin.gov

Doug Gatrell, P.E.; GHD Services
(248) 893-3411; doug.gatrell@ghd.com

Jean Weaver; DNR, Southeast Region
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Aaron O'Rourke; DNR, Eau Claire
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(608) 225-2720; Robert.Davis@wisconsin.gov

WISCONSIN DEPARTMENT OF NATURAL RESOURCES ENGINEERING REPORT

GENERAL INFORMATION

Farm Name: Lake Breeze Dairy LLC **WPDES Permit#:** WI-0066028

Location Address: W2651 Kiel Road, Malone **DNR Project #:** R-2025-0274

Engineering Plans Certified by:	Initial Submittal:	Revised Submittal(s):
Doug Gatrell, P.E.	December 10, 2025	March 18, 2026

Site Assessment: Geographical features of the site include soils that are Peebles silt loam and Kewaunee silt loam. The nearest stream (Pipe Creek) is approximately 1,100 ft to the north of the existing WSPs and the nearest wetland is approximately 1,900 ft to the northeast of the proposed construction area. Clean runoff will be diverted around waste handling areas to existing waterways. No karst features are known to exist within 1,000 ft of the proposed facilities or systems. No ground water supply wells are located within 250 feet of the proposed facilities or systems.

Soil investigations were performed in June 2025 and July 2025 consisting of 20 Geoprobes in the proposed project area, which found the primary subsoils consist of almost exclusively clay (CL) with a fines content in the range of 80.8 to 92.4% and plasticity index in the range of 28-51. Bedrock was not found. Saturation was not found.

Proposed Facilities:

Waste Storage Pond Repairs (WSPs 1-4): The proposed design was submitted to meet NRCS 313 Table 1, Column 2 (12/05). It should also be noted that the 2:1 side slopes are allowable in the current version of NRCS 520 (the 10/17 version) as long as slopes are constructed using the "stair-step" method of construction, which is the planned method of construction for the repairs. The design is compliant with s. NR 243.15(3), Wis. Adm. Code. The waste storage ponds will remain in the same footprint as they currently exist and the intent is to return them to the originally designed condition. This includes repairing side slopes and ensuring embankments that have settled or eroded are uniform. Below is a summary of what is proposed.

- The proposed WSP repairs will maintain the existing rectangular shape in the same footprint. Dimensions vary, but WSP 1 and 2 are similarly sized and approximately 304 ft x 117 ft x 17 ft deep. WSP 3 and 4 are similarly sized and approximately 687 ft x 259 ft x 21 ft deep. The embankment walls and floor are designed with in-place earth which has eroded since construction (2002-2004) and plans to be returned to their originally designed size, shape, and side slopes with compacted clay.
- The proposed waste storage pond modifications will be constructed by removing waste from the WSPs along the interior side slopes and regrading to 2:1 interior side slopes. Concrete agitation ramps and pads will be installed in the corners of each WSP.
- Clay material used to regrade the sideslopes will be obtained from the proposed LMP. Soil samples from the proposed LMP contained percent fines ranging from 80.8 percent to 92.4 percent, exceeding the requirements of CPS 313, Table 1, Column 2 (12/05).
- A concrete-lined overflow will be constructed between WSP 3 and 4 with a bottom elevation of 854.10 ft. The concrete will be 3 inches thick reinforced with 5 lbs/CF of 2.25-inch Macro Fibers. Additionally, scour protection will be installed at the outlet of the existing flume on the south interior berm of WSP 1.
- Following completion of the modifications:
  – WSP #1 will have a top area of 37,612 ft2, a total volume of approximately 3,156,709 gallons and a usable volume of approximately 2,548,278 gallons.
  – WSP #2 will have a top area of 40,997 ft2, a total volume of approximately 3,530,385 gallons and a usable volume of approximately 2,849,647 gallons.
  – WSP #3 will have a top area of 195,179 ft2, a total volume of approximately 24,618,570 gallons and a usable volume of approximately 20,752,503 gallons.
  – WSP #4 will have a top area of 189,569 ft2, a total volume of approximately 23,840,050 gallons and a usable volume of approximately 20,096,382 gallons.

Waste Storage – Leachate Management Pond (LMP): The proposed design was submitted to meet NRCS 313 (10/17) and NRCS 520 Table 1 and Table 3. Column A (10/17). The proposed design was also submitted to meet ch. NR 213, Wis. Adm. Code, because the waste storage pond will be used to store process wastewater separate from manure. The design is compliant with s. NR 243.15(3), Wis. Adm. Code. The proposed LMP will be located at the southeast portion of the production area, immediately east and connected to the existing feed storage area. Below is a summary of what is proposed.

- The proposed LMP will be irregular shaped with interior top dimensions of 110 ft wide at the north end and 200 ft wide at the south end x 800 ft x 10 ft deep. The embankment walls and floor are designed with 5 ft thick compacted clay and 3 ft thick compacted clay respectively. The clay soils will have 50 percent fines or greater, a minimum PI of 12, and a maximum permeability of 1 x 10-7 cm/sec. Additionally, the LMP will have a 1.5 ft thick soil sub-liner consisting of in-situ soils with 20 percent fines or greater and a minimum PI of 7. The sideslopes and bottom will be compacted and tested in accordance with Spec 300.
- The proposed storage will have a total and maximum operating level (MOL) volume of 7,084,334 and 4,706,907 gallons respectively.
- The floor elevation will be 857.57 at the south end and 856.82 at the north end ft (slope of 0.01% to the north) and the MOL elevation will be 864.63 ft. Interior and exterior embankment slopes will be 2.5:1 and ranging from 3:1 to 5:1 respectively with a berm width of 10 ft.
- The entire (side slopes and bottom) LMP will have 4 inch thick fiber mesh reinforced concrete for scour protection. It will be reinforced with 5 lbs/CY of 2.25 inch Macro Fibers. Waterstop will be applied at the connections of the LMP to the existing and proposed feed pads to ensure a liquid tight seal. Additionally, a 6 inch diameter perforated PE drain tile will be installed under the connection of the LMP to the existing asphalt feed pad at the bottom of the existing feed pad's drainage layer, discharging into the proposed LMP.

Feed Storage Pad Expansion: The proposed design was submitted to meet NRCS Standard 561 Table 4, Column 2 (11/24). The design is compliant with s. NR 243.15(9), Wis. Adm. Code. The proposed feed pad expansion will be connected to and immediately north of the existing asphalt feed pad as well as north of and connected to the proposed LMP. Below is a summary of what is proposed.

- The proposed generally rectangular feed storage pad expansion will be approximately 108 ft x 445 ft (50,462 SF) with a 6 inch thick working surface.
- The feed pad's working surface will be constructed with fiber mesh reinforced concrete. The 6 inch thick concrete will be reinforced with 5 lbs/cubic yard of 2.25 inch Macro Fibers. The 6 inch thick slab has been designed to support vehicular loading from a John Deere 624 Payloader or equivalent live load. Structural calculations for the concrete slab are provided.
- The proposed feed pad will connect to the existing feed pad along the north edge of the existing feed pad.
- The concrete will be in intimate contact with a 1.5 ft thick soil liner consisting of soils with a minimum of 20 percent fines and a minimum PI of 7.
- Saw cut joints will be installed on the completed concrete at 40 ft intervals, in both directions.
- Hydrophilic waterstop will be applied at the proposed concrete feed pad connection to the existing asphalt feed pad. Additionally, a 6 inch diameter perforated PE drain tile will be installed under the connection and will discharge into the proposed LMP.
- A 1 ft tall concrete containment curb will be installed along the eastern edge of the feed pad expansion to prevent liquid from leaving the concrete area and direct leachate and precipitation runoff into the proposed LMP.
- Full collection of leachate and contaminated runoff will be provided for up to the 25-yr, 24-hr storm event and will gravity drain from the existing and proposed feed pad directly into the LMP.

Abandonment: The proposed plan was submitted was submitted for abandonment of the existing leachate collection system. The plan is compliant with s. NR 243.17(7), Wis. Adm. Code. The existing leachate collection system is located at the southeast portion of the production area, immediately adjacent to the existing feed storage area.

- The abandonment plan includes the following:
  - The abandonment is to meet NRCS Standard 360 (06/21) and with s. NR 243.17(7), Wis. Adm. Code.
  - The existing leachate collection system consists of a concrete manhole pump station, transfer pipelines, and VTAs. In order to construct the proposed feed pad expansion and LMP the existing runoff controls will be abandoned. The concrete manhole pump station will be disassembled and removed from the site. The transfer pipelines will be capped at each end with concrete thrust blocks after flushing them and will be buried in place. The soil in the VTAs will be removed and placed on agricultural fields in accordance with the Farm's approved NMP.

DAYS OF AVAILABLE LIQUID WASTE STORAGE: The submitted information states that Lake Breeze Dairy LLC will have 316 days of liquid waste storage after completion of this proposed project based on the volumes listed in the table below with respect to s. NR 243.15(3)(i) to (k), Wis. Adm. Code. The current number of animal units provided for the calculation is 5,600 (4,000 milking/dry cows). There are currently no plans noted for expansion at the facility. The liquid waste volumes are based on the NRCS spreadsheet and other estimated or calculated values for a collection period of 365 days. This proposed project will provide runoff controls for the existing and proposed feed storage area in the LMP for up to the 25-yr, 24-hr storm event. The LMP will store the PWW separately from manure and therefore it will not count against the days of liquid waste storage. The LMP will provide 165 days of storage for 10,426,760 gallons of process wastewater.

Proposed Conditions (5,600 AU) – 316 Days of Storage

Total Annual Liquid Waste Volume (NRCS Table Values)	
Liquids Collected/Stored	**Annual Gallons**
Manure, Bedding, and Wastewater:	45,698,000
Sand Bedding Not Recovered from Sand Lanes:	1,763,848
Net Precipitation on Storage Surfaces:	5,874,718
Total Liquid Waste Stored Below the MOL:	**53,336,566**

Total Liquid Waste Storage Capacity (Gallons)						
Waste Storage	Total Volume from Top to Bottom	-Remaining Waste	-25-yr, 24-hr Precipitation on Storage	-25-yr, 24-hr Collected Runoff	-Freeboard Volume	Max. Operating Level (MOL) Volume
WSP 1	3,156,709	218,648	107,143	7,486	275,154	2,548,278
WSP 2	3,530,385	256,170	116,785	7,486	300,297	2,849,647
WSP 3	24,618,570	1,849,567	555,993	14,882	1,445,625	20,752,503
WSP 4	23,840,050	1,784,904	540,013	14,880	1,403,871	20,096,382
					Total MOL Volume:	**46,246,810**

PURPOSE OF THIS REPORT: This report documents review of plans and specifications for each structure or practice indicated below, including findings regarding the structure or practice's compliance with applicable standards. The reviewer considered if management and site assessment were conducted, documented, and reflected in the final design, and if proper construction and related plans (operation and maintenance, inspection, erosion control if applicable) were provided, and demonstrated compliance with applicable rules standards.

DECISION RECOMMENDATION: Based on my review completed on March 26, 2026, the proposed plans and specifications meet ch. NR 243, Wis. Adm. Code, and applicable NRCS Standards. Therefore, I

recommend the plans and specifications be approved with specific conditions (justification provided). The following condition is recommended to be added to the approval letter:

- Soil Investigations (Leachate Management Pond): This approval is conditional upon completing adequate soil investigations to confirm separation to bedrock and saturation per NRCS 313 and 520 for the proposed leachate management pond (LMP). As requested in the project narrative, two additional test pits will be completed during construction to complete the coverage and depth requirement of NRCS 313 and 520. This is included in the Foundation, Excavation, and Backfill Note 11 on Sheet 002 of the LMP plans and the confirmatory test pit locations and depths are shown on Sheet 004 of the LMP plans. The additional soil investigation information must be submitted to Rob Davis prior to the placement of the liner and must also be included with the post-construction documentation. The seven soil investigations that were completed for the LMP show no indication that there will be any issues with separation.

Rob Davis, P.E.
Water Resources Engineer