Permit Fact Sheet

General Information

Permit Number	WI-0063096-05-0
Permittee Name and Address	Soaring Eagle Dairy 10219 County Road F, Newton, WI 53063
Permit Term	September 01, 2026 to August 31, 2031
Discharge Location	10219 County Rd F; Newton, WI; Manitowoc County; T17N, R22E, NE ¼ of Sec. 1
Receiving Water	Tributaries of Point and Fisher Creek within the Sevenmile - Silver Creek Watershed, and groundwaters of the state
Discharge Type	Existing

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**
Dairy Calves (under 400 lbs.)	0	0	65	0	03/12/2028
Milking and Dry Cows	1908	1949	2240	2288	03/12/2028
Heifers (800 lbs. to 1200 lbs.)	61	55	121	110	03/12/2028
Steers or Cows (400 lbs. to market)	0	0	100	100	03/12/2028
Total	1969	1949	2526	2288	

Facility Description

Soaring Eagle Dairy is an existing Concentrated Animal Feeding Operation (CAFO). Soaring Eagle Dairy is operated by Julie Maurer and consists of a single production site. It has a current dairy herd size of 1969.1 animal units (1363 milking & dry cows, 55 heifers), with a planned herd size of 2,526 animal units (1600 milking & dry cows, 110 heifers, 325 calves, and 100). Soaring Eagle Dairy currently has 2,451 acres (1,610 owned and 841 controlled through contracts, rental agreements or leases, or under manure agreements) of which 2,329 are spreadable acres. When the facility is fully populated, Soaring Eagle Dairy LLC will have 270 days of liquid waste storage onsite.

Substantial Compliance Determination

After a desk top review of all discharge monitoring reports, land application reports, compliance schedule items, and a site visit on 5/28/2025, this facility has been found to be in substantial compliance with their current permit.

Compliance determination made by Trenton Brenny (WDNR CAFO Specialist) on 6/17/2026.

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 001 is for liquid waste storage facility 1 (WSF 1) located at Soaring Eagle Dairy. WSF 1 is an in-place earthen storage located immediately east of the sand separation lanes. It is the first storage cell in a three-cell storage system. The facility has an operating capacity of 1,239,129 gallons. It was constructed in 1997 and meets permit requirements. This storage accepts manure and process wastewater from all the animal barns onsite and the milking parlor.	
002	Sample point 002 is for liquid waste storage facility 2 (WSF 2) located at the Soaring Eagle Dairy. WSF 2 is an in-place earthen storage located immediately east of WSF 1. It is the second cell in a three-cell storage system. The facility has an operating capacity of 6,273,377 gallons. It was constructed in 1997 and meets permit requirements. This storage accepts manure and process wastewater from WSF 1 and the feed storage area.	
003	Sample point 003 is for liquid waste storage facility 3 (WSF 3) located at the Soaring Eagle Dairy. WSF 3 is an in-place earthen storage located immediately south of WSF 1 and WSF 2. It is the third cell in a three-cell storage system. The facility has an operating capacity of 8,297,156 gallons. It was constructed in 2005 and meets permit requirements. This storage accepts manure and process wastewater from WSF 2.	
005	Sample point 005 is for solid waste storage facility 5 (WSF 5) located at the Soaring Eagle Dairy. WSF 5 is a concrete storage area located between the calf barns on the northwest corner of the site. The facility was constructed in 2008 and meets permit requirements. This storage accepts manure and process wastewater from the calf barns.	
006	Sample point 006 is for solid waste storage facility 6 (WSF 6) located at the Soaring Eagle Dairy. WSF 6 is a concrete sand separation lane and associated storage located immediately west of WSF 1. The facility was constructed in 2007 and meets permit requirements. This storage accepts manure and process wastewater from the animal barns and milking parlor.	
007	Sample point 007 is for solid manure sources that are directly land applied and not stored in a waste storage facility. This includes solid sources such as calf hutch manure, maternity pen bedpack, heifer bedpack, steer manure, etc. Representative samples shall be taken for each manure source type.	
008	Sample point 008 is for solid manure stacked in approved headland stacking locations. Representative samples shall be taken of this manure prior to land application. Note: Headland stacking sites are subject to production site discharge limitations; weekly visual monitoring is required during use of stacking sites to ensure discharges meet permit requirements.	
009	Sample point 009 is for visual monitoring and inspection of the feed storage areas and associated runoff control systems located at Soaring Eagle Dairy. 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 monitoring program. The vegetated treatment area needs to be maintained according to the operation and maintenance plan.	

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 270 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 2,526 animal units, it is estimated that approximately 21,397,621 gallons of manure and process wastewater will be produced per year. The permittee owns *approximately* 1,610 acres of cropland and rents about 841 acres. Given the rotation commonly used by the permittee, 2,329 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 (≥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; 002- WSF 2; 003- WSF 3

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	

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
Solids, Total		Percent	2/Month	Grab	

1.1.1 Changes from Previous Permit

No changes were made to sample points 001, 002, or 003.

1.1.2 Explanation of Operation and Management Requirements

Liquid manure and process wastewater is required to be sampled twice per month that land application occurs. Samples are to be analyzed for the parameters listed in the table above. Land application shall occur in accordance with the operation's approved nutrient management plan. Liquid manure storage structures shall be inspected according to the operation's monitoring and inspection program. Inspection findings shall be submitted to the department annually on January 31.

1.2 Sample Point Number: 005- WSF 5; 006- WSF 6; 007- Miscellaneous Solid Manure ; 008- Headland Stacking Sites

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

No changes were made to sample points 005, 006, 007, or 008.

1.2.2 Explanation of Operation and Management Requirements

Solid manure is required to be sampled once per quarter that land application occurs. Samples are to be analyzed for the parameters listed in the table above. Land application shall occur in accordance with the operation's approved nutrient management plan. Solid manure storage structures shall be inspected according to the operation's monitoring and inspection program. Inspection findings shall be submitted to the department annually on January 31.

1.3 Sample Point Number: 009- Feed Storage Area

1.3.1 Changes from Previous Permit

No changes were made to sample point 009.

1.3.2 Explanation of Operation and Management Requirements

Sample point 009 is required to be inspected in accordance with the operation's monitoring and inspection program. Results shall be submitted to the department annually on January 31.

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.	10/01/2026

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.	10/01/2026

2.3 Annual Reports

Submit Annual Reports by January 31st of each year in accordance with the Annual Reports subsection in Standard Requirements.

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.	01/31/2027
Submit Annual Report #2: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2028

Submit Annual Report #3: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2029
Submit Annual Report #4: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2030
Submit Annual Report #5: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2031
Ongoing Annual Reports: Continue to submit Annual Reports until permit reissuance has been completed.	

2.4 Nutrient Management Plan

Submit annual nutrient management plan (NMP) updates by March 31 of each year. Note, in addition to annual NMP updates, submit NMP amendments and substantial revisions to the department for written approval prior to implementation of any changes to the NMP.

Required Action	Due Date
Management Plan Submittal: Submit any necessary updates to the Nutrient Management Plan to meet the conditions outlined in this permit (see conditions in the Livestock Operational and Sampling Requirements section).	
Submit NMP Update #1: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2027
Submit NMP Update #2: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2028
Submit NMP Update #3: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2029
Submit NMP Update #4: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2030
Submit NMP Update #5: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2031
Ongoing Management Plan Annual Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed.	

2.5 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	03/01/2031

2.6 Explanation of Schedules

Schedule items 2.1, 2.2, 2.3, 2.4 and 2.5 are typical and required for all CAFO permittees.

Attachments

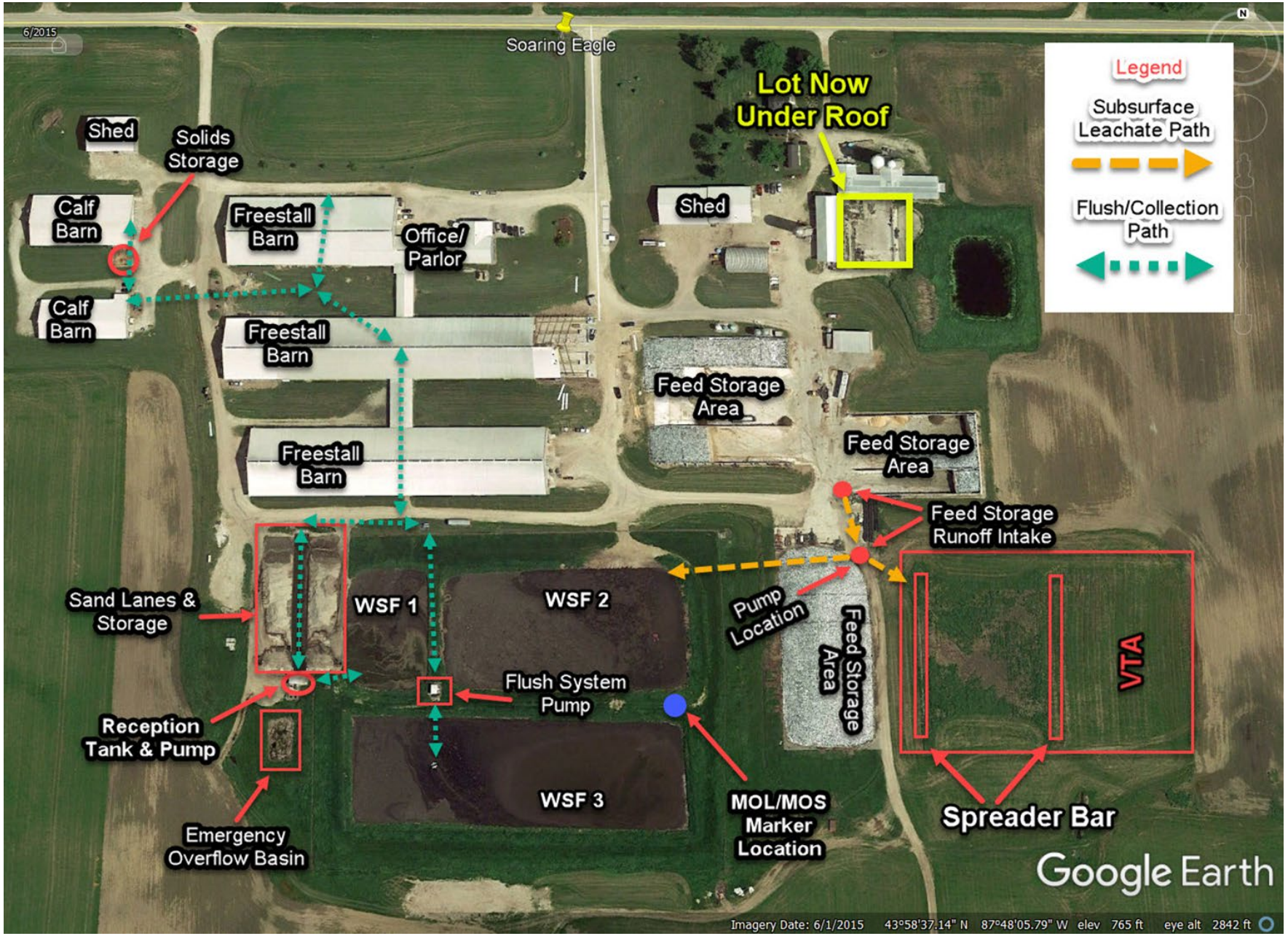
Map(s)

Plan Approval Letter(s)

Prepared By: Trent Brenny

Agricultural Runoff Management Specialist

Date: 6/17/2026


6/2015
Soaring Eagle
Lot Now Under Roof
Legend
Subsurface Leachate Path
Flush/Collection Path
Shed
Solids Storage
Calf Barn
Calf Barn
Freestall Barn
Office/ Parlor
Freestall Barn
Freestall Barn
Shed
Feed Storage Area
Feed Storage Area
Feed Storage Runoff Intake
Sand Lanes & Storage
WSF 1
WSF 2
Pump Location
Feed Storage Area
VTA
Flush System Pump
Reception Tank & Pump
WSF 3
MOL/MOS Marker Location
Spreader Bar
Emergency Overflow Basin
Google Earth
Imagery Date: 6/1/2015 43°58'37.14" N 87°48'05.79" W elev 765 ft eye alt 2842 ft


Soaring Eagle Dairy

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Tony Evers, Governor
Karen Hyun, Ph.D., Secretary
Telephone 608-266-2621
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June 17, 2026

Manitowoc County
Approval

Julie Maurer
Soaring Eagle Dairy
10219 County Road F
Newton, WI 53063

SUBJECT: Conditional Approval of Soaring Eagle Dairy Nutrient Management Plan, WPDES Permit No. 0063096-05-0

Dear Julie Maurer:

After completing a review of Soaring Eagle Dairy 2026-2030 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 Soaring Eagle Dairy 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.

FINDINGS OF FACT

The Department confirms that:

1. A current dairy herd size of 1969.1 animal units (1363 milking & dry cows, 55 heifers). A planned herd size of 2526 animal units (1600 milking & dry cows, 110 heifers, 325 calves, and 100) by 2027.

2. Manure generation and spreading records indicate your herd will annually generate approximately 18,144,756 gallons of manure and process wastewater and 858 tons of solid manure in the first year of the permit term and 21,397,621gallons of manure and process wastewater and 1000 tons of solid manure by 2027.

3. The use of application restriction options 1, 2, 3, 4, and 5 within surface water quality management areas.

4. The use of phosphorus delivery method P Index.

5. That Soaring Eagle Dairy currently has 2451 acres (1610 owned and 841 controlled through contracts, rental agreements or leases, or under manure agreements) of which 2329 are spreadable acres.

6. 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.

7. 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 2026-2030 Soaring Eagle Dairy 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. 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.

3. 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.

4. 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, Soaring Eagle Dairy may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

5. Soaring Eagle Dairy shall record daily manure applications by using "Manure Record of Applications Form" created by InDepth Agronomy.

6. Soaring Eagle Dairy 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 the Annual Spreading Report generated by SnapPlus.

WINTER SPREADING

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

8. The following field(s) are approved for winter spreading solid manure:
   - JF1
   - JF2
   - JF3
   - AS4

9. The following field(s) are approved for emergency applications of liquid manure and frozen liquid manure:
   - JF2
   - JF3
   - JF10

10. 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.

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

12. 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

13. The following headland stacking sites are approved for manure with a solids content of 32% or greater. Please note that updated solid manure samples must be taken before manure can be headland stacked.
    - TSS (JF2)

    All manure stacked on headland stacking sites shall comply with the requirements set forth in NR 243.141, as well as the requirements summarized in NRCS 313-14 (2005), Table 9:
    - Stack must be 40,000 cubic feet or less.
    - Stack must reside on land with a down gradient slope of no greater than 6%.
    - Stack must meet required subsurface separation distances of: 3 feet or less to saturation, and 3 feet or less to bedrock.
    - Headland stacking sites may not be used for more than 8 months out of the year, and not more than 1 out of every 2 years.

14. The following headland stacking sites are not approved due to shallow groundwater and likely perched water conditions:
    - TSS (JF3)
    - TSS (JF8)
    - TSS (JF10)

15. Headland stacking sites may be used for any periods in the months of February and March, or during periods when the ground is not frozen or snow-covered.

MANURE & PROCESS WASTEWATER IRRIGATION

16. Irrigation of manure or process wastewater is prohibited.

MANURE DISTRIBUTION

17. Soaring Eagle Dairy is approved to distribute manure or process wastewater under NR 243.142 (2). Manure distribution via a reciprocal agreement with other permitted CAFOs to land apply manure to fields outside of the Soaring Eagle Dairy NMP. Responsibility for the manure remains with Soaring Eagle Dairy.

OTHER FACILITY NAME	**WASTE TYPE**	**VOLUME/TONNAGE**	**OTHER FACILITY PERMIT/LICENSE NUMBER**
Grotegut Dairy Farm, Inc	Liquid manure/process wastewater	700,000 gallons	WI – 0056847-06-0
Fitz Pine Dairy LLC	Liquid manure/process wastewater	300,000 gallons	WI – 0065226-03-0

ITEMS FOR FUTURE CONSIDERATION

18. Following the expansion, the animal unit to acreage ratio will exceed 1:1. This can lead to rising soil test P levels. It is recommended to monitor the soil nutrient content and adjust manure and fertilizer application rates, to ensure that fields do not build soil test P. Please also consider adding additional acreage to the nutrient management plan in the future.

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.

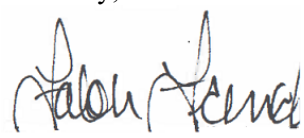
20. The farm is required to take a minimum number of manures samples to meet permit requirements as follows:
    - Solid Manure: One solid sample per source on a quarterly basis when hauling occurs.
    - Liquid Manure: Two liquid samples per source on a monthly basis when hauling occurs.

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 (608) 228-5265 or Falon.French@Wisconsin.gov.

Sincerely,



Falon French
WDNR CAFO Intake/Nutrient Management Specialist
Wisconsin Department of Natural Resources

cc: Trent G Brenny, WDNR Agricultural Runoff Specialist (Trenton.Brenny@wisconsin.gov)
Erin Hanson, WDNR Watershed Field Supervisor (erine.hanson@wisconsin.gov)
Joe Baeten, Agricultural Runoff Section Manager (Joseph.Baeten@Wisconsin.gov)
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator (Aaron.Orourke@Wisconsin.gov)
Ashley Scheel, WDNR CAFO Nutrient Management Plan Reviewer (Ashley.Scheel@Wisconsin.gov)
Anthony Salituro, WDNR CAFO Engineer (anthony.salituro@wisconsin.gov)
David Wetenkamp, Manitowoc County (davidwetenkamp@manitowoccountywi.gov)
Tyler Betry, Sheboygan County (tyler.betry@sheboygancounty.com)
Steve Hoffman, InDepth Agronomy (steve.hoffman@indepthagronomy.com)
File

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April 14, 2026

FILE REF: R-2026-0033
WPDES Permit #: WI-0063096

Julie Maurer
Soaring Eagle Dairy
10219 County Road F
Newton, WI 53063

Subject: Days of Storage Review for Soaring Eagle Dairy, NE¼ of T17N, R22E, Section 01 in Newton Township, Manitowoc County – NO ADDITIONAL ACTION REQUIRED

Dear Ms. Maurer:

This letter is to inform you that the Wisconsin Department of Natural Resources (Department) has completed its review of the calculation of days of storage submitted under certification by Emily Micolichek, Miller Engineers & Scientists on February 28, 2026 with revisions received on March 11, 2026 on behalf of Soaring Eagle Dairy.

The Department reviewed the submitted calculations in accordance with ss. NR 243.14(9) and NR 243.15(3)(i) to (k), Wis. Adm. Code. Under s. NR 243.17(3)(c), Wis. Adm. Code, the permittee shall demonstrate compliance with the 180-day design storage capacity requirement at specified times. For the following liquid manure storage calculations, the Department has determined **no additional actions** on your part are required.

Days of Available Liquid Waste Storage: The submitted information states that Soaring Eagle Dairy has 270 days of liquid waste storage based on the volumes listed in the table below with respect to s. NR 243.15(3)(i) to (k), Wis. Adm. Code. The largest number of animal units provided for the calculation is 2,526. The animal units are for the site once it is fully populated. The liquid waste volumes are based on manure hauling logs for a collection period of 365 days. The feed storage area has a first flush system where 0.05-inches are captured in WSF2, while the remainder is transferred to a vegetated treatment area. All runoff, up to the 25yr – 24hr storm, is captured from the solids stacking area and transferred to WSF3.

Waste Storage	Total Vol. from Settled Top to Bottom	Remaining Waste	25yr, 24hr Precip. on Storage	25yr, 24hr Collected Runoff	Freeboard Vol.	Max. Operating Level (MOL) Vol.
WSF1	1,616,406	154,589	61,857	0	160,831	1,239,129
WSF2	7,520,615	467,824	214,490	0	564,924	6,273,377
WSF3	10,023,739	462,027	279,182	248,720	736,654	8,297,156
					Total MOL Vol:	15,809,662
					Days of Storage:	**270**

Year	Gallons Applied	Avg. Yearly AUs	Gallons/AU
2021	16,731,652	1,882	8,890
2022	15,928,299	2,030	7,846
2023	15,348,034	1,950	7,871
2024	16,918,026	1,957	8,645
2025	17,421,762	1,914	9,102
Average Volume/AU			8,471
Average Annual Volume for Current AUs			**21,397,621**

Should you have any questions, please contact Tony Salituro, DNR Madison office or your regional CAFO Specialist.

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

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