Permit Fact Sheet

General Information

Permit Number	WI-0062111-05-0
Permittee Name and Address	TRI STAR DAIRY Inc 6000 Elm Rd, Auburndale, WI 54412
Permitted Facility Name and Address	TRI STAR DAIRY Inc 10270 North Road Auburndale, WI 54412
Permit Term	April 01, 2026 to March 31, 2031
Discharge Location	NW ¼ of the SW ¼ of Section 26, Township 25 North, Range 4 East – Town of Auburndale, Wood County
Receiving Water	Surface and Ground Waters in the Mill Creek Watershed of the Central Wisconsin River Basin
Discharge Type	Existing Source CAFO

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	1960	2002	0	0	
Heifers (800 lbs. to 1200 lbs.)	44	40	0	0	
Total	2004	2002	0	0	

Facility Description

Tri Star Dairy Inc is an existing Concentrated Animal Feeding Operation (CAFO) located in the Town of Auburndale in Wood County. Tri Star Dairy Inc. is owned and operated by Mark Vobora and is located at 10270 North Road Auburndale, WI. The Dairy has one waste storage facility, one process wastewater storage facility, one feed storage area, freestall barns, and milking parlor.

The Dairy has a current herd size of 2,004 animal units (1,400 milking cows and dry cows, 40 heifers). Manure generation and spreading records indicate Tri Star's herd will generate approximately 20,585,390 gallons of manure and process wastewater, and 539 tons of solid manure in the first year of the permit term. During the permit term there are no plans for expansion.

Tri Star Dairy currently has 3,715 acres in their nutrient management plan. Of these acres, 1,162 are owned and 2,554 acres are controlled through contracts, rental agreements, leases, or under manure agreements. Tri Star Dairy has 3,635 acres available for manure application. Acres in the nutrient management plan are in Wood and Marathon Counties.

Substantial Compliance Determination

Enforcement During Last Permit:

No enforcement action during the last permit term.

After a review of all submitted reports, permit reissuance application materials, and a site visit on 04-08-2025, this facility has been found to be in substantial compliance with their current permit.

Compliance determination made by Joseph Cunningham, Agricultural Runoff Specialist on 02/06/2026.

Sample Point Descriptions

Sample Point Designation For Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
003	WSF 1: Sample point 003 is for liquid waste stored in Waste Storage Facility 1 (WSF 1) located at the dairy. WSF 1 is a clay lined waste storage structure with a concrete floor, built in 2003. The structure has a maximum operating level capacity of approximately 10,351,000 gallons. The storage accepts manure and process wastewater from the dairy parlor and cow freestall barn. WSF 1 is divided into two cells by a concrete barrier, the east cell and west cell. Solids settle in the west cell, and the residual liquid flows over the concrete barrier to the east cell. Representative manure samples shall be taken in accordance to permit requirements.	
004	Miscellaneous Solids: Sample point 004 is for solid manure waste 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, waste feed, etc. Representative samples shall be taken for each manure source type.	
005	PWF 1: Sample Point 005 is for Process Wastewater Facility 1 (PWF 1) located at the dairy. PWF 1 is a concrete storage built in 2019. The structure has a maximum operating level capacity of 256,385 gallons. PWF 1 collects wastewater from the feed storage area and associated runoff control systems. Representative manure samples shall be taken in accordance to permit requirements.	
006	Feed Storage Area & Runoff Control System: Sample point 006 is for visual monitoring and inspection of the feed storage area and associated runoff control systems. Proper operation and maintenance are required to prevent unlawful discharges to waters of the state. Weekly inspections are required and shall be recorded according to the operation's monitoring program.	
007	Pit Solids: Sample point 007 is for settled solids and manure laden sand removed from any waste storage facility included in this permit. Representative manure samples shall be taken in accordance to permit requirements.	
008	Storm Water Systems: Sample point 008 is for weekly visual monitoring and inspection of all production area storm water conveyance systems at the dairy. This includes drain tile systems, vegetated stormwater channels, and other diversion systems that are meant to transport uncontaminated storm water off site.	

Sample Point Designation For Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
	Proper operation and maintenance are required to keep uncontaminated runoff diverted away from manure and other raw materials.	

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. 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 188 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 a herd size of 2,004 animal units (1,400 milking and dry cows, and 40 heifers), it is estimated that approximately 20,585,390 gallons of manure and process wastewater and 539 tons of solid manure will be produced per year. The permittee owns 1,162 acres of cropland and rents 2,554 acres. Given the rotation commonly used by the permittee, 3,635 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: 003- WSF 1; 005- PWF 1

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 Point 001, 400K Gallon Waste Storage, has been abandoned and removed from the permit.

1.1.2 Explanation of Operation and Management Requirements

Liquid manure and process wastewater must be properly stored, sampled, and land applied in accordance with the farm's nutrient management plan.

1.2 Sample Point Number: 004- Miscellaneous Solids; 007- Pit Solids

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

Sample Point 007, Pit Solids, has been added to the permit.

1.2.2 Explanation of Operation and Management Requirements

Solid manure must be properly sampled and land applied in accordance with the farm's nutrient management plan.

1.3 Sample Point Number: 006- Feed Storage/Runoff Control and 008- Storm Water Systems

1.3.1 Changes from Previous Permit

Sample Point 008, Storm Water Systems, has been added to the permit.

1.3.2 Explanation of Operation and Management Requirements

The is no required nutrient sampling for the runoff control sample points. 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.	04/30/2026

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.	04/30/2026

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
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 Manure Analysis Results

Submit copies of manure analysis lab results and manure hauling logs for the Spring 2026 manure spreading season.

Required Action	Due Date
Submit Report #1: Submit manure analysis results from each sample point and associated manure hauling logs for the Spring 2026 manure spreading season.	06/30/2026

2.6 Explanation of Schedules

Item 16 of the NMP Conditional Approval requires the submittal of manure samples from Spring 2026 manure spreading season.

2.7 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	10/02/2030

2.8 Explanation of Schedules

• 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.

Attachments:

- Tri Star Dairy Sample Point Map
- Nutrient Management Plan Approval Letter
- Days of Storage Approval Letter

Justification Of Any Waivers from Permit Application Requirements

No waivers requested or granted as part of this permit reissuance

Prepared By: Joseph Cunningham **Agricultural Runoff Specialist** **Date**: 02/06/2026

Tri Star Dairy Sample Points

Sample Points – Waste Materials

- 003 Waste Storage Facility 1
- 004 Miscellaneous Solids
- 005 Process Wastewater Facility 1
- 007 Pit Solids

Sample Points – Runoff Controls

- 006 Feed Storage and Runoff Controls
- 008 Storm Water Systems

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster St., PO Box 7921
Madison, WI 53707

Tony Evers, Governor
Karen Hyun, Ph.D., Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

January 13th, 2026

Wood County
Approval

Mark Vobora
Tri Star Dairy, Inc
6000 Elm Rd
Auburndale, WI 54412

SUBJECT: Conditional Approval of Tri Star Dairy, Inc Nutrient Management Plan, WPDES Permit No. 0062111-05-0

Dear Mark Vobora:

After completing a review of Tri Star Dairy, Inc 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 Tri Star Dairy, Inc 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 2,004 animal units (1,400 milking & dry cows, 40 heifers). Currently there are no planned expansions in the next permit term.
2. Manure generation and spreading records indicate your herd will annually generate approximately 20,585,390 gallons of manure and process wastewater and 539 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 Tri Star Dairy, Inc currently has 3,715 acres (1,162 owned and 2,554 controlled through contracts, rental agreements or leases, or under manure agreements) of which 3,635 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 Tri Star Dairy, Inc 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 #
52	Kerry Inc : Vesper Plant	A	37457
52	Kerry Inc: Vesper Plant	B	37456
143	Hewitt Sanitary District WWTP	1	87141

Prior to any manure applications on these fields Tri Star Dairy, Inc 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 Tri Star Dairy, Inc 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: Tri Star Dairy, Inc is responsible for obtaining nutrient content values for all other wastes spread on any field in their NMP.

3. 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.

4. 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.

5. 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, TRI STAR DAIRY, INC may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

6. Tri Star Dairy, Inc shall record daily manure applications by using the 'Template CAFO Daily Spreading Log'. These forms shall be retained at the farm and provided to the department upon request.

7. Tri Star Dairy, Inc 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 'CAFO Annual Spreading Reports' generated by Snap Plus.

WINTER SPREADING

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

9. The following field(s) are approved for winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:
   - 044 - 133 - 110 - 017
   - 136 - 152

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. No headland stacking sites are approved.

MANURE & PROCESS WASTEWATER IRRIGATION

14. Irrigation of manure or process wastewater is prohibited.

SUBMITAL AND RECORDKEEPING REQUIREMENTS

15. 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.

16. Manure samples from hauling in spring of 2026 are due to be emailed to the department by June 30th, 2026. Please forward to Ashley Scheel or current regional specialist via email or shared file link.

17. 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 monthly 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 608-212-8460 or Ashley.Scheel@Wisconsin.gov.

Sincerely,

Ashley Scheel, CCA
WDNR Nutrient Management Plan Reviewer
Wisconsin Department of Natural Resources

CC:

Joe Cunningham, Acting WDNR Agricultural Runoff Specialist (joseph.cunningham@wisconsin.gov)
Jeff Jackson, WDNR Agricultural Runoff Specialist (jeffrey.jackson@wisconsin.gov)
Brad Johnson, WDNR Watershed Field Supervisor (bradleya.johnson@wisconsin.gov)
Joe Baeten, WDNR Agricultural Runoff Supervisor (joeseph.baeten@wisconsin.gov)
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator (aaron.orourke@wisconsin.gov)
Falon French, WDNR Intake Specialist (falon.french@wisconsin.gov)
Tabby Feller, WDNR CAFO Engineer (tabatha.davis@wisconsin.gov)
Shane Wucherpfennig, Wood County (swucherpfennig@co.wood.wi.us)
Matt Luther, Rock River Lab (matt_luther@rockriverlab.com)
File

17State 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
Toll Free 1-888-936-7463
TTY Access via relay - 711

November 18, 2025

FILE REF: R-2025-0249
WPDES Permit #: WI-0062111

Mark Vobora
Tri Star Dairy Inc
6000 Elm Rd
Auburndale, WI 54412

Subject: Days of Storage Review for TRI STAR DAIRY IncNW¼ of T25N, R04E, Section 26 in Auburndale Township, Wood County – NO ADDITIONAL ACTION REQUIRED

Dear Mark Vobora:

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 Ryan Nehls, Outland Design on October 6, 2025 on behalf of TRI STAR DAIRY Inc.

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 Tri Star Dairy Inc has 188 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 current number of animal units provided for the calculation is 2,004. The liquid waste volumes are based on the NRCS spreadsheet and other estimated or calculated values for a collection period of 365 days. All feed storage area runoff, up to the 25-year, 24-hour storm, is collected in permanent waste storage.

Total Annual Liquid Waste Volume (NRCS Table Values)	
Liquids Collected/Stored	Annual Gallons
Manure and Bedding	15,509,268
Feed Storage Leachate	149,600
Feedlot Runoff	2,830,631
Net Precipitation on Storage Surface(s)	2,095,891
TOTAL:	**20,585,390**

Total Liquid Waste Storage Capacity (gallons)						
Waste Storage	Total Vol. from Settled Top to Bottom	-Solids Storage	-25-yr, 24-hr Precip. on Storage	25-yr, 24-hr Collected Runoff	Freeboard Vol.	Max. Operating Level (MOL) Vol.
#1	12,233,323		409,491		1,472,560	10,351,272
#2	846,504		59,245	264,905	141,834	256,385
					Total MOL Vol:	10,607,657
					Days of Storage:	**188**

Should you have any questions, please contact Tabby Feller, 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

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

Ariana Somma
CAFO Review Engineer Intern
Watershed Management Program

Email:
Ryan Nehls; Outland Design
(920) 210-0922; RNehls@outland-design.com

Shane Wucherpfennig; Wood County
(715) 421-8578; swucherpfennig@co.wood.wi.us

Aaron O'Rourke; DNR, Eau Claire
(715) 839-3775; aaron.orourke@wisconsin.gov

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

Mark Kaczorowski; DNR-West Central Region
(715) 218-0089; Mark.Kaczorowski@wisconsin.gov

Bradley A Johnson; DNR-West Central Region
(715) 340-5281; BradleyA.Johnson@wisconsin.gov

Ashley Scheel; DNR, Central Office
(608) 261-6419; ashley.scheel@wisconsin.gov

Ariana Somma; DNR-Central Office
ariana.somma@wisconsin.gov