

# Permit Fact Sheet

## General Information

Permit Number	WI-0058408-06-0
Permittee Name and Address	Jon De Dairy Inc. 2061 30th Avenue, Baldwin, WI 54002
Permitted Facility Name and Address	Jon De Dairy Inc. 2061 30th Ave Baldwin
Permit Term	June 01, 2026 to May 31, 2031
Discharge Location	Rush River Township
Receiving Water	Unnamed Tributary to Rush River
Discharge Type	Existing Source CAFO

<b>Animal Units</b>					
<b>Animal Type</b>	<b>Current AU</b>		<b>Proposed AU</b>		
	<b>Mixed</b>	<b>Individual</b>	<b>(Note: If all zeroes, expansions are not expected during permit term)</b>		
	<b>Mixed</b>	<b>Individual</b>	<b>Mixed</b>	<b>Individual</b>	<b>Date of Proposed Expansion</b>
Dairy Calves (under 400 lbs.)	30	0	30	0	09/08/2027
Milking and Dry Cows	2170	2217	2170	2217	09/08/2027
Heifers (800 lbs. to 1200 lbs.)	88	80	303	275	09/08/2027
<b>Total</b>	<b>2288</b>	<b>2217</b>	<b>2503</b>	<b>2217</b>	

## Facility Description

Jon De Dairy is an existing Concentrated Animal Feeding Operation (CAFO) dairy farm in St. Croix County, within the Township of Rush River. The dairy has been a permitted CAFO since November 1995 and is owned/operated by Todd Doornink and Mikayla McGee. The dairy is currently housing 1,550 cows, 80 heifers, and 150 calves for a total of 2,288 animal units. During the next five-year permit term, Jon De Dairy plans to maintain cow/calf numbers and relocate roughly 195 heifers to the dairy site. After this occurs, the site will house roughly 2,503 animal units.

The dairy consists of four cow barns; milking parlor; calf barn; feed storage pad; four manure storage structures; compost stacking pad and sand separation system. The dairy plans to re-line all manure storage structures and make upgrades to the feed pad runoff collection system during the next permit-term.

## Substantial Compliance Determination

**Enforcement During Last Permit:**

Jon De Dairy was issued three Notice of Noncompliance letters during the previous permit term:

- January 3, 2023: A manure transfer pipe ruptured causing a release of manure to a stormwater control structure and intermittent stream. The dairy immediately responded, which prevented manure from entering the Rush River.
- April 20, 2023: A non-permanent transfer hose released manure while transferring manure between pits. Manure entered a small field and a portion of an intermittent stream. The dairy immediately responded, preventing manure from entering the Rush River.
- May 25, 2023: Improper operation & maintenance of the feed pad runoff system caused a release of runoff to a stormwater channel.

Jon De Dairy has worked through enforcement action listed above and have taken steps to prevent future noncompliance. This included the development of engineering plans for system upgrades to the feed pad runoff system.

After the review of all submitted reports, permit reissuance application materials, and a 2026 production area site inspection, the department determined Jon De Dairy was in substantial compliance with their WPDES CAFO permit.

Compliance determination made by Jeff Jackson – DNR Agricultural Runoff Specialist on April 6, 2026.

## Sample Point Descriptions

<b>Sample Point Designation for Animal Waste</b>	
<b>Sample Point Number</b>	<b>Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)</b>
001	Stage-1: Sample point 001 is for liquid manure from the Stage-1 Pit. Stage-1 Pit is a clay-lined storage located west of the lower freestall barns. The structure has a maximum operating capacity of approximately 2.3 million gallons and was constructed in 1990. This storage accepts manure and process wastewater produced at the dairy.
002	Stage-2 Pit: Sample point 002 is for liquid manure from the Stage-2 Pit. Stage-2 Pit is a clay-lined storage located west of the lower freestall barns. The structure has a maximum operating capacity of approximately 1.4 million gallons and was constructed in 1990. This storage accepts manure and process wastewater produced at the dairy.
003	Stage-3 Pit: Sample point 003 is for liquid manure from the Stage-3 Pit. Stage-3 Pit is a clay-lined storage located west of the lower freestall barns. The structure has a maximum operating capacity of approximately 1.5 million gallons and was constructed in 1994. This storage accepts manure and process wastewater produced at the dairy. This structure is scheduled to be re-built and re-lined with concrete during the permit-term per DNR approved engineering plans. Once re-lined, the structure will have an estimated maximum operating level capacity of roughly 1.1 million gallons.
004	Stage-4 Pit: Sample point 004 is for liquid manure from the Stage-4 Pit. Stage-4 Pit is a clay-lined storage located west of the composting pad. The structure has a maximum operating capacity of approximately 7.1 million gallons and was constructed in 2000. This storage accepts manure and process wastewater produced at the dairy. This structure is scheduled to be expanded and re-lined with concrete during the permit-term per DNR approved engineering plans. Once re-lined, the structure will have an estimated maximum operating level capacity of roughly 11.7 million gallons.

<b>Sample Point Designation for Animal Waste</b>	
<b>Sample Point Number</b>	<b>Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)</b>
005	Separated Solids: Sample point 005 is for separated manure solids recovered by the Solid Separation Building. Separated solids may also be distributed to another party according to DNR approval and Distribution of Manure and Process Wastewater section of permit.
006	Miscellaneous Solids: Sample point 006 is for all solid manure sources that are directly land applied. This includes solid sources such as calf pen manure, hospital barn pen pack, frozen manure, waste feed, solids removed from a waste storage facility, etc. Representative samples shall be taken for each material source type.
007	Stage-1/2 Pit: Sample point 007 is for liquid manure from the Stage-1/2 Pit. The Stage-1/2 Pit is a proposed concrete-lined storage located west of the lower freestall barns. The new structure will be within the footprint of the existing Stage-1 and Stage-2 pits, combining the two structures. The new structure will be built according the DNR approved engineering plans and have a proposed maximum operating capacity of approximately 4.8 million gallons. This structure will be constructed during the permit-term in accordance with the Permit Section 2. This storage will accept manure and process wastewater produced at the dairy.
008	Composting Pad: Sample Point 008 is for material from the composting pad located east of the Stage-4 Pit. This structure is an unroofed concrete pad with runoff collection. Runoff from the pad is collected and stored in the Stage-4 Pit. Representative samples of the material shall be taken before the material is land applied.
009	Headland Stacking: Sample Point 009 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; periodic visual monitoring is required during use of stacking sites to ensure discharges to waters of the state do not occur.
010	Feed Storage Pad & Runoff Control System: Sample Point 010 is for visual monitoring and inspection of the feed storage pad and associated runoff control system. Proper operation and maintenance are required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program
011	Composting Pad & Runoff Control System: Sample Point 011 is for visual monitoring and inspection of the composting pad and associated runoff control system. Proper operation and maintenance are required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program.
012	Sand Stacking Pad & Runoff Control System: Sample Point 012 is for visual monitoring and inspection of the sand stacking pad and associated runoff control system. Proper operation and maintenance are required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program.
013	Storm Water Runoff Control System: Sample Point 013 is for visual monitoring and inspection of all production site storm water conveyance systems. This includes roof gutter and downspout structures, drainage tile systems, grassed waterways and other diversion systems that transport uncontaminated storm water. Proper operation and maintenance are required to keep uncontaminated runoff diverted away from manure and process wastewater handling systems. Weekly inspections are required and shall be recorded according to monitoring program.

# 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 246 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 1,505 cows, 155 heifers and 150 calves, it is estimated that approximately 18.2 million gallons of manure and process wastewater and 800 tons of solid manure will be produced per year. The permittee owns *approximately* 1,141 acres of cropland and controls an additional 3,955 acres. 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 of 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- Stage-1 Pit; 002- Stage-2 Pit; 003- Stage-3 Pit; 004- Stage-4 Pit; 007- Stage-1/2 Pit (Future)**

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	

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

### 1.1.1 Changes from Previous Permit

Sample Point 007 has been added and will represent the new Stage-1/2 Pit.

### 1.1.2 Explanation of Operation and Management Requirements

Permit sampling requires for these structures have not changed from the previous permit. 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: 005- Separated Solids; 006- Miscellaneous Solids; 008- Composting Pad; 009- Headland Stacking

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 from the previous 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: 010- Feed Storage Pad; 011- Composting Pad; 012- Sand Stacking Pad, and 013- Stormwater Controls

### 1.3.1 Changes from Previous Permit

No changes from the previous permit.

### 1.3.2 Explanation of Operation and Management Requirements

The 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.	06/30/2026

### 2.2 Explanation of Schedules

An emergency response plan is required to be developed per s. NR 243.13(6)(a) Wis. Admin. Code.

### 2.3 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.	06/30/2026

### 2.4 Explanation of Schedules

A monitoring and inspection program is required to be submitted per s. NR 243.19(1) Wis. Admin. Code.

### 2.5 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.	
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## 2.6 Explanation of Schedules

Annual reports are required to be submitted per s. NR 243.19(3) Wis. Admin. Code.

## 2.7 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.	

## 2.8 Explanation of Schedules

Nutrient management plan updates are required to be submitted per s. NR 243.19(3) Wis. Admin. Code.

## 2.9 Manure Storage Facility - Stage 4 Pit

This schedule item pertains to the installation of a concrete liner for the Stage-4 Pit. Activities must be accomplished in accordance with DNR approved engineering design plans.

Required Action	Due Date
Complete Installation: Complete construction of the manure storage facility. The facility shall be functional and in operation by the specified Date Due. Post construction documentation shall be submitted within 60 days of completion of the project.	11/30/2028

## 2.10 Explanation of Schedules

Reconstruction and the installation of a new concrete-liner in accordance with DNR engineering plans approved on February 17, 2026 (File REF: R-2025-0263).

## 2.11 Manure Storage Facility - Stage 3 Pit

This schedule item pertains to the installation of a concrete liner for the Stage-3 Pit. Activities must be accomplished in accordance with DNR approved engineering design plans.

Required Action	Due Date
Complete Installation: Complete construction of the manure storage facility. The facility shall be functional and in operation by the specified Date Due. Post construction documentation shall be submitted within 60 days of completion of the project.	11/30/2027

## 2.12 Explanation of Schedules

Reconstruction and the installation of a new concrete-liner in accordance with DNR engineering plans approved on February 17, 2026 (File REF: R-2025-0263).

## 2.13 Manure Storage Facility - Stage 1/2 Pit

This schedule item pertains to the construction of the Stage 1/2 Pit. Activities must be accomplished in accordance with DNR approved engineering design plans.

Required Action	Due Date
Complete Installation: Complete construction of the manure storage facility. The facility shall be functional and in operation by the specified Date Due. Post construction documentation shall be submitted within 60 days of completion of the project.	11/30/2029

## 2.14 Explanation of Schedules

Construction of Stage-1/2 Pit in accordance with DNR engineering plans approved on February 17, 2026 (File REF: R-2025-0263).

## 2.15 Feed Bunker Runoff Control System - Installation

This schedule item pertains to the installation of the feed pad runoff collection system. Activities must be accomplished in accordance with DNR approved engineering design plans.

Required Action	Due Date
Complete Installation: Complete construction of runoff control system. System shall be functional and in operation by the specified Date Due. Post construction documentation shall be submitted within 60 days of completion of the project.	11/30/2027

## 2.16 Explanation of Schedules

Construction of new feed pad runoff collection system in accordance with DNR engineering plans approved on February 17, 2026 (File REF: R-2025-0263).

## 2.17 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	12/02/2030

## 2.18 Explanation of Schedules

A permit reissuance application is required per s. NR 243.12(1)(d) Wis. Admin. Code.

## Attachments

- Jon De Dairy Sample Point Map
- Conditional Nutrient Management Plan Approval Letter
- Days of Storage Review Letter

## Justification Of Any Waivers from Permit Application Requirements

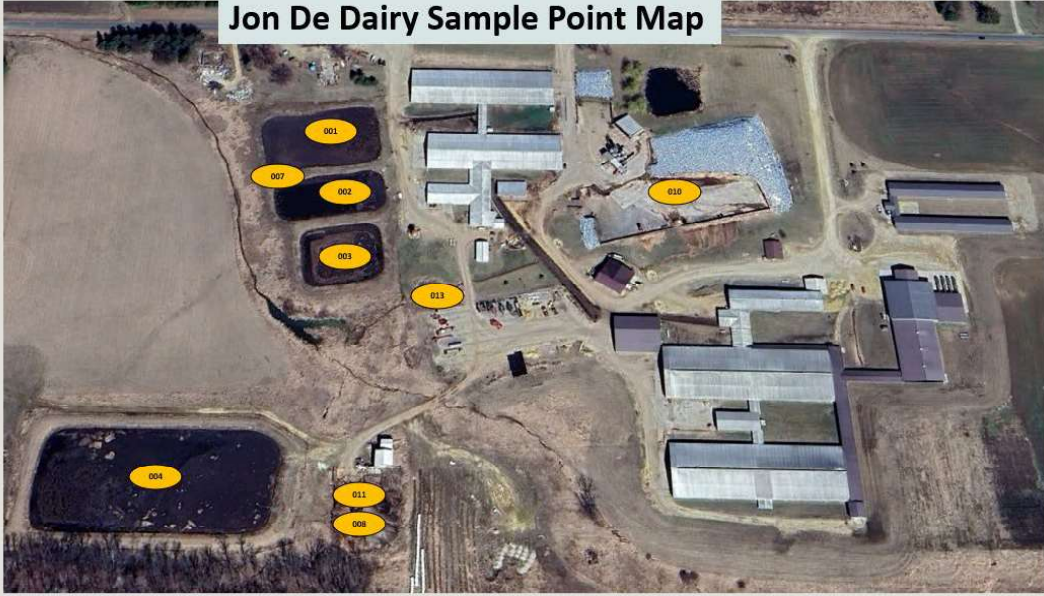
No waivers requested or granted.

Prepared By: Jeff Jackson

Agricultural Runoff Specialist

Date: April 6, 2026

## Jon De Dairy Sample Point Map



### Sample Points – Waste Materials

- |   |   |  |   |
|---|---|--|---|
|  Stage-1 Pit |  Stage-3 Pit |  Miscellaneous Solids   |  Composting Pad    |
|  Stage-2 Pit |  Stage-4 Pit |  Stage-1/2 Pit (Future) |  Headland Stacking |

### Sample Points – Runoff Controls

- |  |   |
|--|---|
|  Feed Pad & Runoff Collection System       |   |
|  Composting Pad & Runoff Collection System |  Stormwater Conveyance Systems |



November 21<sup>st</sup>, 2025

St. Croix County  
Approval

Matt Mcgee  
Jon De Dairy, Inc  
2061 30<sup>th</sup> Avenue  
Baldwin, WI 54002

SUBJECT: Conditional Approval of Jon De Dairy, Inc Nutrient Management Plan, WPDES Permit No. 0058408-06-0

Dear Matt McGee:

After completing a review of Jon De 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 Jon De 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 2,308 animal units (1505 milking & dry cows, 155 heifers, and 150 calves). A planned herd size of 2,503 animal units (1,550 milking & dry cows, 275 heifers, and 150 calves) by 2027.
2. Manure generation and spreading records indicate your herd will annually generate approximately 18,196,975 gallons of manure and process wastewater and 800 tons of solid manure in the first year of the permit term. Once full expansion has taken place in 2027, it is estimated the herd will generate 20,966,296 gallons of manure and process wastewater and 800 tons of solid manure.
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 Jon De Dairy, Inc currently has 5,096 acres (1,141 owned and 3,955 controlled through contracts, rental agreements or leases, or under manure agreements) of which 5,017 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 Jon De 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 are prohibited from receiving applications of manure or process wastewater:
 

- Z-Em-Ig4a (default)	- Z-Em-Ig4b (default)	- Z-KFF-Arnie (default)
- Z-MK-Pete 1 (default)	- Z-MK-Pete 4 (default)	- Z-Moe 01 (default)
- Z-Moe 02 (default)	- Z-Moe 03 (default)	- Z-Moe 04 (default)

If Jon De Dairy, Inc 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.

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<sub>4</sub>-N, percent NO<sub>3</sub>-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<sub>4</sub><sup>+</sup>) is greater than 75% of the total N, JON DE DAIRY, INC may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

$$\text{First-Year Available N} = \text{NH}_4\text{-N} + [0.25 \times (\text{Total N} - \text{NH}_4\text{-N})]$$

6. Jon De Dairy, Inc 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.
7. Jon De 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 form 3200-123.

### 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:
 

- Z-BW-Pearson	- SF7	- Z-JS-RL-East
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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. 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

#### FOLLOW UP ACTION

17. Please submit two compost sample results by **May 1<sup>st</sup>, 2026**. If any results are elevated compared to original submittal this would need to be integrated into the NMP.
18. Please submit any revised restriction maps by **December 5<sup>th</sup>, 2025**.

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 local 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](mailto:Ashley.Scheel@Wisconsin.gov).

Sincerely,

Handwritten signature of Ashley Scheel in black ink.

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

CC:

Jeff Jackson, WDNR Agricultural Runoff Management Specialist ([jeffrey.jackson@wisconsin.gov](mailto:jeffrey.jackson@wisconsin.gov))  
Brad Johnson, WDNR Watershed Field Supervisor ([bradley.johnson@wisconsin.gov](mailto:bradley.johnson@wisconsin.gov))  
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator ([aaron.orourke@wisconsin.gov](mailto:aaron.orourke@wisconsin.gov))  
Falon French, WDNR Intake Specialist ([falon.french@wisconsin.gov](mailto:falon.french@wisconsin.gov))  
Tabby Davis, WDNR CAFO Engineer ([tabatha.davis@wisconsin.gov](mailto:tabatha.davis@wisconsin.gov))  
Josh O'Neil, St. Croix County ([josh.oneil@sccwi.gov](mailto:josh.oneil@sccwi.gov))  
Mark Serier, Ag Strategies ([mark@agstratllc.com](mailto:mark@agstratllc.com))  
File



February 9, 2026

FILE REF: R-2025-0212  
WPDES Permit #: WI-0058408

Matt McGee  
Jon De Dairy Inc.  
2061 30th Avenue  
Baldwin, WI 54002

Subject: Days of Storage Review for Jon De Dairy Inc. in T28N, R17W, Section 24, Rush River Township, St. Croix County – NO ADDITIONAL ACTION REQUIRED

Dear Mr. McGee:

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 Ian Hansen, P.E., MSA Professional Services on August 27, 2025 with revisions received on January 29, 2026 on behalf of Jon De 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 Jon De Dairy Inc. currently has 246 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. However, because all of the waste storage ponds for Jon De Dairy Inc. currently require additional actions to be completed based on the evaluation letter that resulted from DNR Project R-2025-0232 that was dated October 20, 2025, the number of days of storage may actually be less in accordance with s. NR 243.15(3). The number of days of storage will officially change once the evaluations for the waste storages require no further actions. It should be noted that the engineering consultant pointed out that the WSFs may not be non-compliant, but the farm decided to pursue upgrades and expansion rather than dealing with the uncertainty associated with an evaluation of a clay lined storage facility. The current number of animal units provided for the calculation is 2,308. The liquid waste volumes are based on the NRCS spreadsheet and other estimated or calculated values for a collection period of 365 days. Currently the first 0.25 inch flush is collected from the feed storage area and there is full collection of runoff up to the 25-yr, 24-hr runoff volume from the solids stacking pad and sand stacking pad.

Plans are currently being reviewed by the Department with DNR Project R-2025-0263. Among other things, this project proposes to reconstruct the existing waste storage facilities, add a new stacking pad, and provide feed storage runoff controls. After construction of the project proposed in DNR Project R-2025-0263, the submitted information states that Jon De Dairy will have 301 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 proposed number of animal units provided for the calculation is 2,503. The liquid waste volumes are based on the NRCS spreadsheet and other estimated or calculated values for a collection period of 365 days. Full collection of runoff up to the 25-yr, 24-hr runoff volume from the solids stacking pad and feed storage area will be provided.

**Existing Conditions (2,308 AU) – 246 Days of Storage**

<b>Total Annual Liquid Waste Volume (NRCS Table Values)</b>	
<b>Liquids Collected/Stored</b>	<b>Annual Gallons</b>
Manure and Bedding:	9,811,291
Parlor Wastewater:	3,775,850
Feed Storage Leachate:	138,380
Total Feed Storage Runoff Collected:	776,185
Net Precipitation on Storages:	3,085,412
Sand Separator Fresh Water:	75,000
Sand Stack Runoff Collected:	136,798
Solids Stack Runoff Collected:	398,059
<b>Total Liquid Waste Stored Below the MOL:</b>	<b>18,196,975</b>

<b>Total Liquid Waste Storage Capacity (Gallons)</b>						
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
WSF 1	2,934,455	137,485	154,871	0	325,037	2,317,062
WSF 2	1,796,037	65,526	108,749	0	221,854	1,399,908
WSF 3	1,867,236	77,508	107,367	0	220,826	1,461,535
WSF 4	8,592,546	356,933	337,988	82,826	734,742	7,080,057
<b>Total MOL Volume:</b>						12,258,562

**Proposed Conditions (2,503 AU) – 301 Days of Storage**

<b>Total Annual Liquid Waste Volume (NRCS Table Values)</b>	
<b>Liquids Collected/Stored</b>	<b>Annual Gallons</b>
Manure and Bedding:	10,328,339
Parlor Wastewater:	3,833,940
Total Feed Storage Leachate:	138,380
Total Feed Storage Runoff Collected:	2,607,614
Total Stack Pad Runoff Collected:	570,689
Net Precipitation on Storage Surfaces:	3,847,580
Sand Separator Fresh Water:	75,000
<b>Total Liquid Waste Stored Below the MOL:</b>	<b>21,401,542</b>

<b>Total Liquid Waste Storage Capacity (Gallons)</b>						
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
WSF 1&2	5,643,587	0	267,110	0	558,704	4,817,773
WSF 3	1,825,240	0	106,899	404,750	219,540	1,094,052
WSF 4	13,446,278	0	516,078	88,848	1,108,891	11,732,461
<b>Total MOL Volume:</b>						17,644,286

Should you have any questions, please contact Rob Davis, 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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Bernie Michaud, P.E.  
CAFO Engineer Supervisor  
Watershed Management Program



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Rob Davis, P.E.  
CAFO Review Engineer  
Watershed Management Program

Email: Matt McGee; Jon De Dairy  
(715) 338-5666; matt@jondefarm.com

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

Josh O’Neil; St. Croix County Land Conservation  
(715) 531-1917; Josh.ONeil@sccwi.gov

Ian Hansen, P.E.; MSA Professional Services  
(715) 304-0314; ihansen@msa-ps.com

Jeff Jackson; DNR, West Central Region  
(715) 210-1415; Jeffrey.Jackson@wisconsin.gov

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

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

Rob Davis, P.E.; DNR, Central Office  
(608) 225-2720; Robert.Davis@Wisconsin.gov