

Permit Fact Sheet

General Information

Permit Number	WI-0062618-05-0
Permittee Name and Address	Neighborhood Dairy LLC - W926 Van Asten Rd, Kaukauna, WI 54130 Vern's Farm (Satellite)– W1560 Van Asten Road, Kaukauna, WI 54130
Permitted Facility Name and Address	Neighborhood Dairy LLC - W926 Van Asten Road Kaukauna, WI 54130 Vern's Farm (Satellite) – W1560 Van Asten Road, Kaukauna, WI 54130
Permit Term	May 01, 2026 to April 30, 2031
Discharge Location	W926 Van Asten Rd, Kaukauna, WI 54130
Receiving Water	Apple and Ashwaubenon Creeks watershed and groundwaters of the state
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
Dairy Calves (under 400 lbs.)	27	0	0	0	
Milking and Dry Cows	1400	1430	0	0	
Heifers (800 lbs. to 1200 lbs.)	55	50	0	0	
Total	1482	1430	0	0	

Facility Description

Neighborhood Dairy LLC is an existing Concentrated Animal Feeding Operation (CAFO) located in the Township of Freedom in Outagamie County. Neighborhood Dairy LLC is owned and operated by Adam Van Asten. It currently has 1,482 animal units and based on current herd size, Neighborhood Dairy has approximately 206 days of liquid manure storage. Neighborhood Dairy generates 14,681,803 gallons of liquid manure and process wastewater and 517 tons of solid manure annually. Neighborhood Dairy has a total of 1,842 acres available for land application of manure and process wastewater. Of this acreage, 1811 acres are spreadable, 283 owned, and 1,559 are rented or controlled through contacts.

Substantial Compliance Determination

Enforcement During Last Permit: The department issued an NON on the following dates to Neighborhood Dairy for failure to implement their NMP.

- On July 22, 2024 the department identified missing wells and tile outlets adjacent to or within fields in Neighborhood Dairy LLC's nutrient management plan. Some of these fields also received a surface application

of manure sometime between July 12 through the 14, 2024 (manure logs provided by the farm) and prior to a forecasted rain event.

- On August 19, 2025 the department notified Neighborhood Dairy that we believed that they applied manure within 24 hours of a forecasted rain event.

The facility has completed all previously required actions as part of the enforcement process.

After a desktop review of all annual reports, NMP updates, compliance schedule items, and a facility inspection on 4/22/2025, this facility has been found to be in substantial compliance with their current permit.

Compliance determination made by Makayla Jacobs, agricultural runoff specialist on 3/3/2026

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	WSF 1: Sample point 001 is for liquid waste storage facility 001 (WSF 1) located at the Main Dairy. WSF 1 is an earthen lined storage located south of WSF 2. The facility has a maximum operating level of 1.7 million gallons and was constructed in 1992. This storage accepts manure and process wastewater from the solid manure stacking pad (Sample point 006). WSF 1 was last evaluated in 2024 and met permit requirements.
002	WSF 2: Sample point 002 is for liquid waste storage facility (WSF 2) located at the Main Dairy. WSF 2 is an earthen lined storage located west of the freestall barns and serves as the initial cell of a two-cell storage system. The facility has a maximum operating level of 6.4 million gallons and was constructed in 1994. This storage accepts manure and process wastewater from the adjacent stacking area, fiber separation building and the milking parlor. WSF 2 was last evaluated in 2025 and met permit requirements.
003	WSF 3: Sample point 003 is for liquid waste storage facility (WSF 3) located at the Main Dairy. WSF 3 is an earthen lined storage located west of the freestall barns 1 and serves as the second cell of a two-cell storage system. The facility has a maximum operating level of 4.2 million gallons and was constructed in 2003. This storage accepts manure and process wastewater from WSF 2. WSF 3 was last evaluated in 2024 and met permit requirements.
004	WSF 4: Sample point 004 is for the offsite liquid waste storage facility (WSF 4) referred to as the Verns Farm WSF. The Verns Farm WSF is an earthen lined storage used for the transfer of manure and process wastewater prior to land application. The facility has a maximum operating level of 1 million gallons and was constructed in 1991. The Verns Farm WSF was last evaluated in 2016 and met permit requirements.
006	Misc Solids: Sample point 006 is for solid manure generated on the farm. Representative samples from all sources (maternity pen bedpack, concrete stacking pads, etc.) shall be taken.
010	Feed Storage Area: Sample point 010 is for visual monitoring and inspection of the feed storage area and associated runoff control system located at the Main Dairy. The feed storage area was expanded to the north in 2025 with department approved plans and specifications and utilizes the existing feed storage area runoff controls on site. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program.
015	WSF 5: Sample point 015 is for liquid waste storage facility (WSF 5) referred to as the Leachate Storage Pond WSF. WSF 5 is a concrete lined storage located north of the feed storage area. The facility has a

Sample Point Designation For Animal Waste	
Sample Point Number	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
	maximum operating level of 207,396 gallons and was constructed in 2017. This storage accepts process wastewater from the feed storage area and VTA. This facility has not been evaluated since the time of construction.
016	Separated Solids: Sample point 016 is for separated manure solids. These are typically reused as bedding and stored in the fiber separation building between free stall Barns 1 and 2. Separated solids may also be distributed to another party according to Department approval and Distribution of Manure and Process Wastewater section of permit.
017	WSF Solids: Sample point 017 is for manure solids removed from bottom of all liquid waste storage facilities. This includes manure-laden sand solids, manure fiber solids, etc. Representative samples shall be taken from each waste storage facility.
018	Storm Water Runoff: Sample point 018 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 is required to keep uncontaminated runoff diverted away from manure and process wastewater handling systems. Weekly inspections are required and shall be recorded according to monitoring program.
021	Headland Stacking: Sample point 021 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.

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 338 days of storage for liquid manure

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 1482 animal units (1000 milking & dry cows, 50 heifers, and 135 calves), it is estimated that approximately 14,681,803 of manure and process wastewater will be produced per year. The permittee owns *approximately* 283 acres of cropland and rents about 1559. Given the rotation commonly used by the permittee, 1811 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 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 ($\geq 12\%$ solids) on frozen or snow-covered ground during February and March. Non-emergency surface applications of liquid manure (<12%) on frozen or snow-covered ground are prohibited.

Monitoring and Sampling Requirements

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

Sampling Points

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

1.1 Sample Point Number: 001- WSF 1; 002- WSF 2; 003- WSF 3; 004- WSF 4; 015- WSF 5

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

N/A

1.1.2 Explanation of Operation and Management Requirements

Liquid manure and process wastewater sources must be properly stored and land applied according to the permit and nutrient management plan.

1.2 Sample Point Number: 006- Misc Solids.; 016- Separated Solids; 017- WSF Solids: and 021- Headland Stacking

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Nitrogen, Total		lbs/ton	Quarterly	Grab	

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
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

N/A

1.2.2 Explanation of Operation and Management Requirements

Solid manure sources must be properly stored and land applied according to the permit and nutrient management plan.

1.3 Sample Point Number: 010- Feed Storage Area and 018- Storm Water Runoff

1.3.1 Changes from Previous Permit

010 – Feed Storage Area was under construction in 2025.

1.3.2 Explanation of Operation and Management Requirements

Liquid manure and process wastewater sources must be properly stored and land applied according to the permit and nutrient management plan.

2 Schedules

2.1 Emergency Response Plan

Required Action	Due Date
Develop Emergency Response Plan: Update the written Emergency Response Plan within 30 days of permit coverage and submit to the department.	06/01/2026

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.	06/01/2026

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.	10/30/2030

2.6 Explanation of Schedules

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

Attachments

Map(s)

- Site map
- Reissuance Inspection Report

Plan Approval Letter(s)

- NMP Conditional Approval Letter – 2/17/2026
- Day of Storage Approval Letter – 12/12/2025

Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit reissuance

Prepared By: Makayla Jacobs, Agricultural Runoff Management Specialist

Date: 3/9/2026



February 17, 2026

Outagamie County
Approval

Adam Vanasten
Neighborhood Dairy LLC
W926 Van Asten Rd
Kaukauna, WI 54130

SUBJECT: Conditional Approval of Neighborhood Dairy LLC Nutrient Management Plan, WPDES Permit No. 0062618-05-0

Dear Adam Vanasten:

After completing a review of Neighborhood Dairy LLC 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 Neighborhood Dairy LLC review the NMP with those individuals involved with manure applications to ensure all remain familiar with the approved manure spreading protocol, spreading maps, field and map verification, record keeping requirements, and all the conditions of this approval.

FINDINGS OF FACT

The Department confirms that:

1. A current dairy herd size of 1482 animal units (1000 milking & dry cows, 50 heifers, and 135 calves). Currently there are no planned expansions in the next permit term.
2. Manure generation and spreading records indicate your herd will annually generate approximately 14,681,803 gallons of manure and process wastewater and 517 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 Neighborhood Dairy LLC currently has 1,842 acres (283 owned and 1,559 controlled through contracts, rental agreements or leases, or under manure agreements) of which 1,811 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 Neighborhood Dairy LLC Nutrient Management Plan subject to the following conditions and the applicable requirements of Ch. NR 243, Wis. Adm. Code:

FIELD AND MANURE MANAGEMENT

1. Fields not included in the NMP and new fields shall not receive manure or process wastewater applications until they have been properly soil sampled, entered into Snap Plus, evaluated for their nutrient needs, and approved by the Department.
2. The following fields are prohibited from receiving applications of manure or process wastewater:
 - 2-12 (default soil sample)
 - 5-A-1 (P > 200 ppm)
 - 4- PASTURE (P > 200 ppm)

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

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 NH₄-N, percent NO₃-N, phosphorus, potassium, and sulfur.
5. If manure sample results have a dry matter (DM) content less than 2.0% and the percent ammonium (NH₄⁺) is greater than 75% of the total N, Neighborhood Dairy LLC may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

6. Neighborhood Dairy LLC shall record daily manure applications by using form 3200-123A.
7. Neighborhood Dairy LLC shall annually submit a spreading report that summarizes the land application activities listed under NR 243.19(3)(c)5., Wis. Adm. Code by using form 3200-123.

WINTER SPREADING

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 emergency applications of solid manure, liquid manure, and frozen liquid manure, except for areas with W soils unless they can be verified at the time of application:
 - DV-2
 - DV-3
 - NA-1
 - NA-2
 - NA-4
 - NA-5
 - NA-6
 - NA-7
 - ND-1
 - RVR-1
 - RVR-2
 - VN-1
 - VN-4
 - Weyers-1
 - Weyers-2

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 sites are approved for non-winter and winter headland stacking of manure with a solids content of 32% or greater:

- NA-1 Stack Site

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.
- 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.

14. The following sites are not approved for headland stacking:

- DV-4 Stack Site (shallow groundwater, perched water conditions)
- Neighborhood Yard Stack Site (outside field boundaries)

MANURE & PROCESS WASTEWATER IRRIGATION

15. Irrigation of manure or process wastewater is prohibited.

SUBMITAL AND RECORDKEEPING REQUIREMENTS

16. 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.
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 on a monthly basis when hauling occurs.

ITEMS FOR FUTURE CONSIDERATION

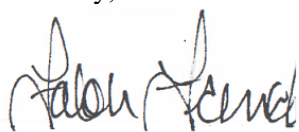
18. Only one headland stacking site has been approved. Please note that this headland stacking site may only be used once every two years and manure with a solids content of 16-32% may not be stacked at this location. If additional sites are needed, please submit them to the Department in advance of when headland stacking is needed.

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

Sincerely,

A handwritten signature in black ink that reads "Falon French". The signature is written in a cursive, slightly slanted style.

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

cc: Makayla Jacobs, WDNR Agricultural Runoff Specialist (makayla.jacobs@wisconsin.gov)
Trent Brenny, WDNR Acting Watershed Field Supervisor (Trenton.Brenny@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)
Tabatha Feller, WDNR CAFO Engineer (tabatha.davis@wisconsin.gov)
Greg Baneck, Outagamie County (greg.baneck@outagamie.org)
Nathen Nysse, Tilth Agronomy Group (nathen@tilthag.com)
File



December 12, 2025

FILE REF: R-2025-0240
 WPDES Permit #: WI-0062618

Adam VanAsten
 Neighborhood Dairy LLC
 W926 Van Asten Rd
 Kaukauna WI, 54130

Subject: Days of Storage Review for Neighborhood Dairy LLC, NE¼ of T22N, R19E, Section 07 in Kaukauna Township, Outagamie County – NO ADDITIONAL ACTION REQUIRED

Dear Adam VanAsten:

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 Quint Krueger, Outagamie County Land Conservation Department on September 30, 2025 on behalf of Neighborhood Dairy LLC.

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 Neighborhood Dairy LLC has 338 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 1,482. The liquid waste volumes are based on the NRCS spreadsheet and other estimated or calculated values for a collection period of 365 days. All runoff up to the 24-hour 25-year storm is collected from the concrete stacking pad on site. The first 0.05” flush runoff from the feed storage area is combined with manure storage facilities, with the remaining runoff transferred to a process wastewater-only waste storage facility. Process wastewater stored separately of manure is not included in the 180-day liquid manure storage calculations. The submittal states that the farm produces approximately 2.5 million gallons of process wastewater and has 30 days of process wastewater only storage.

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	2,794,325	356,048	159,174	43,107	454,784	1,781,212
#2	7,844,680	610,368	197,669		564,769	6,471,874
#3	5,233,257	418,880	150,965		431,326	4,232,086
#4	1,890,188	184,307	162,185		463,386	1,080,310
Total MOL Vol:						13,608,589
Days of Storage:						338

Total Annual Liquid Waste Volume (NRCS Table Values)	
Liquids Collected/Stored	Annual Gallons
Manure and Bedding	7,390,481
Parlor Wastewater	2,904,670
Feed Storage Leachate	112,200
Feed Storage Runoff Collected	644,970
Stacking Pad Runoff	332,119
Net Precipitation on Storage Surfaces	3,254,256
TOTAL:	14,638,696

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



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Watershed Management Program

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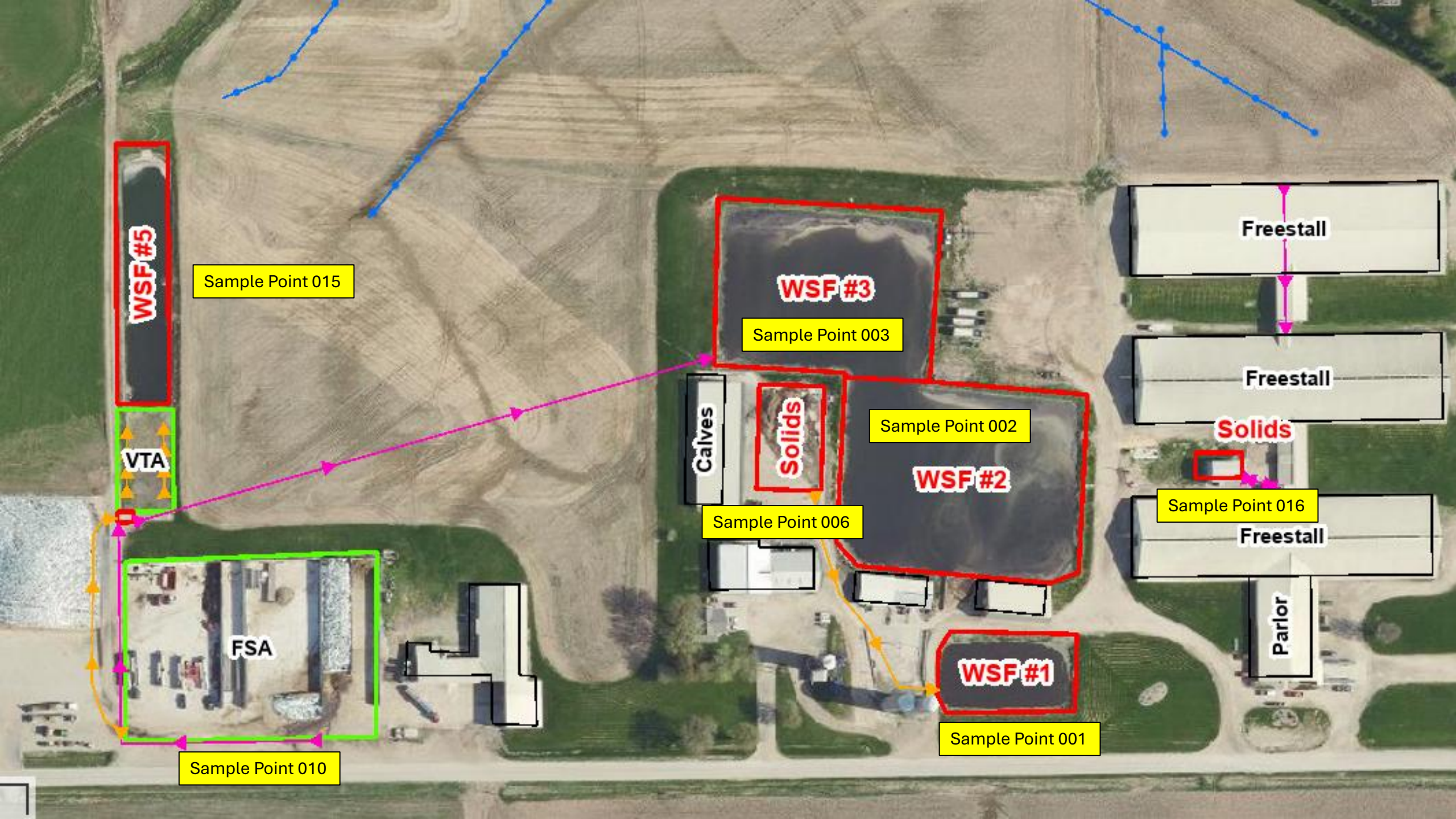
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Tabatha Feller; DNR-Central Office
tabatha.davis@wisconsin.gov



WSF #5

Sample Point 015

VTA

FSA

Sample Point 010

WSF #3

Sample Point 003

Calves

Solids

Sample Point 002

WSF #2

Sample Point 006

Freestall

Freestall

Solids

Sample Point 016

Freestall

Parlor

WSF #1

Sample Point 001



Sample Point 004



WSF #4

Neighborhood Dairy LLC Satellite



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

Tony Evers, Governor
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



May 6, 2025

Adam Van Asten
Neighborhood Dairy LLC
W926 Van Asten Road
Kaukauna, WI 54130

Permit No.
WI-0062618-04-0
Outagamie County

Subject: Reissuance Inspection Report 4/22/2025

Dear Mr. Van Asten:

On April 22, 2025, the Department of Natural Resources (department) conducted a reissuance walkover inspection of Neighborhood Dairy LLC. Results and photos are included in the enclosed report. The department has noted follow up action items on page 24 in the enclosed report.

If you have any questions regarding this letter or your WPDES permit requirements, please contact me at (920) 573-8033 or at Makayla.Jacobs@wisconsin.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Makayla Jacobs'.

Makayla Jacobs
Agricultural Runoff Management Specialist

Electronic CC:
Gregory Baneck - Outagamie County
Nathan Nysse - Tilth Agronomy
Joe Baeten - DNR

CAFO Compliance Inspection Report



Inspection Date: 4/22/2025

Report Final Date: 5/5/2025

Operation Name: Neighborhood Dairy LLC

WPDES Permit #: WI- 0062618-04-0

Farm Address: Main Dairy: W926 Van Asten Rd, Kaukauna, WI 54130

Vern's Farm: W1560 Van Asten Rd, Kaukauna, WI 54130

On-Site Representative(s): Jermey Van Asten, Mark Van Asten, Adam Van Asten (Owners/Operator)

Report Author: Makayla Jacobs, Agricultural Runoff Management Specialist, DNR

Others: Joe Baeten, DNR

Introduction

On April 22, 2025, Jacobs and Baeten met with Jeremy, Mark, and Adam Van Asten to conduct a reissuance inspection of Neighborhood Dairy LLC. Conditions during the inspection were partially sunny and wet. Follow up items are requested on page 24.

Site Overview Diagram (Main Dairy: orange lines =potential runoff flow patterns, blue lines = stormwater flow, pink lines = waste transfer system, yellow circles indicate water supply well locations)



Site Overview Diagram (Satellite site: orange lines =potential runoff flow patterns, blue lines = stormwater flow, pink lines = waste transfer system, yellow circles indicate water supply well locations)



SITE OBSERVATIONS :

Feedlot Runoff

Neighborhood Dairy does not utilize any feedlots or outdoor animal lots.

Calf Hutch Areas

Neighborhood Dairy does not utilize any calf hutch areas.

Waste Storage Facilities

Manure and process wastewater is currently permitted to be stored in five waste storage facilities, four at the Main Dairy, and one at the Vern's Farm satellite facility. Additionally, two solid stacking pads are in use at the Main Dairy and separated solid manure used for bedding is stored under roof. Recycled sand is located on the North side of the silos and runs off into WSF 1.

Main Dairy

- WSF 1 is an earthen lined storage located at the Main Dairy south of WSF 2. This storage accepts manure and process wastewater from the solid manure stacking pad. A permanent marker and fencing was observed during the inspection. WSF 1 was evaluated in December 2024 and required further actions.
- WSF 2-3 are a two celled earthen lined storage located at the Main Dairy west of the existing free stall barns. This storage accepts manure and process wastewater from the adjacent stacking area, fiber separation building and the milking parlor. A permanent marker was observed in WSF 2. WSF 2-3 were evaluated in December 2024 and required further actions.
- WSF 5 is a concrete leachate management pond located north of the existing feed storage pad at the main dairy was constructed in 2017. This storage accepts process wastewater from the feed storage area runoff controls. At the time of inspection this pond was over the MOL volume and animal burrows were observed.
- Concrete Storage 1. Solid manure from the calf barn is stored on a concrete pad to the west of WSF 2-3. Drainage from this area flows southeast toward a small earthen lined pit (WSF 1) located to the south of the production area.
- Concrete Storage 2. Solid manure is stored on a concrete pad between WSF 1 and WSF 2. This pad directly drains into WSF 2.

Vern's Farm

- WSF 4 is a clay lined storage used as a transfer pit and was last evaluated in 2016 and was found to be in compliance. Fencing and permanent markers were in place during the inspection. Woody vegetation was observed.

Process Wastewater (other than feed storage area leachate/runoff)

Waste from the milking center is stored in the two-celled pit at the main dairy. Process wastewater sources are managed to not have current or past indicators of discharges.

Animal Mortality Disposal

Mortalities are picked up as needed by OJ Krull.

Animal mortalities are managed to not have current or past indicators of discharges

Feed Storage Area (FSA) Runoff

All feed is kept at the Main Dairy site, in concrete bunkers on the southwest side of the production area. An additional concrete pad was added during the permit term (R-2022-0140) to the west of the existing bunkers. Feed was observed to be stacked right to the edge of the concrete pad area; care should be taken to keep all feed on the pad with space for the water to run off in the proper direction. Runoff from the pad built in 2022 follows the same collection method as the bunkers, with leachate flowing towards a collection tank and VTA. An underground tile is present on the south side of the feed storage area to collect any infiltrated runoff. This runoff is transferred directly to the collection tank. First flush runoff is transferred from the collection tank to WSF 3, while second flush water is then transferred to a VTA. Any additional runoff is then collected in a leachate management pond located north of the VTA. At the time of the inspection, the VTA is in need of repair and the leachate pit was above the MOL level.

Ancillary Service Areas

Barn gutters are in place and runoff is collected into WSF 1. Grassed stormwater swales are present between the free stall barns.

Preventative maintenance actions and visual inspections are occurring to minimize pollutant discharges from ancillary service and storage areas.

Burning of garbage was observed.

RECORDS REVIEW

The permittee has a current WPDES Permit and Nutrient Management Plan onsite.

The permittee provided complete production site inspection records that are required to be retained.

The permittee provided adequate documentation that the facility has a minimum of 180 days of liquid manure storage capacity.

The permittee provided land application records to demonstrate compliance with nutrient management plan requirements. (Permittee has not started land applying yet for 2025)

The permittee has copies of their emergency response, and a copy of the monitoring and inspection plans was provided and submitted to the department during the inspection.

Photo #:	0902
Date/Time of Photo:	4/22/2025 9:39
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy: WSF 1



Photo Description:
Standing on the North East side of WSF 1 looking West. View of WSF 1.

Photo #:	0906
Date/Time of Photo:	4/22/2025 9:40
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy: WSF 1



Photo Description:
Standing on the West side of WSF 1 looking East. View of WSF 1.

Photo #:	0907
Date/Time of Photo:	4/22/2025 9:40
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy: WSF 1



Photo Description:
Standing on the West side of WSF 1. View of marker.

Photo #:	0904
Date/Time of Photo:	4/22/2025 9:39
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy: WSF 1



Photo Description:
Standing on the Southeast side of WSF 1 looking North. View of WSF 1.

Apr 22, 2025 at 9:39:46 AM

Photo #:	0936
Date/Time of Photo:	4/22/2025 10:10
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 3
Photo Description:	Standing on the West side of WSF 3 looking East. View of WSF 3.



Photo #:	0938
Date/Time of Photo:	4/22/2025 10:10
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 3
Photo Description:	Standing on the West side of WSF 3 looking North. View of WSF 3.



Photo #:	0943
Date/Time of Photo:	4/22/2025 10:13
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 3



Photo Description:
Standing on the West side of WSF 3 looking East. View of WSF 3.

Photo #:	0946
Date/Time of Photo:	4/22/2025 10:15
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 3



Photo Description:
Standing on the North east side of WSF 3 looking West. View of WSF 3.

Photo #:	0951
Date/Time of Photo:	4/22/2025 10:17
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2



Photo Description:
Standing on the North side of WSF 2. View of marker.

Photo #:	0952
Date/Time of Photo:	4/22/2025 10:20
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2



Photo Description:
Standing on the North side of WSF 2 looking South. View of WSF 2.

Photo #:	0925
Date/Time of Photo:	4/22/2025 9:53
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy



Photo Description:
Standing on the West side of the Leachate pit pump looking East. View of concrete spreader bar,

Photo #:	0926
Date/Time of Photo:	4/22/2025 9:53
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Leachate Pit



Photo Description:
Standing on the South side of the Leachate pit looking North. View of Leachate pit.

Photo #:	0928
Date/Time of Photo:	4/22/2025 9:56
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Leachate Pit



Photo Description:
Standing on the West side of the Leachate pit looking South. View of Leachate pit.

Photo #:	0930
Date/Time of Photo:	4/22/2025 9:58
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Leachate Pit



Photo Description:
Standing on the North side of the leachate pit looking South. View of leachate pit.

Photo #:	0931
Date/Time of Photo:	4/22/2025 9:59
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Leachate Pit



Photo Description:
Standing on the East side of the leachate pit. View of burrow hole.

Photo #:	0932
Date/Time of Photo:	4/22/2025 10:00
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Leachate Pit



Photo Description:
Standing on the East side of the leachate pit. View of possible sloughing.

Photo #:	0933
Date/Time of Photo:	4/22/2025 10:03
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Leachate Pit



Photo Description:
View of marker in the leachate pit.

Photo #:	0748
Date/Time of Photo:	4/22/2025 10:40
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site



Photo Description:
Standing on the West side of the XX pit. View of WSF 4.

Apr 22, 2025 at 10:40:36 AM

Photo #:	0752
Date/Time of Photo:	4/22/2025 10:41
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site

Photo Description:
Standing on the West side of WSF 4 looking East. View of WSF 4.



Photo #:	0756
Date/Time of Photo:	4/22/2025 10:43
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site

Photo Description:
Standing on the East side of WSF 4 looking West. View of WSF 4.



Photo #:	0753
Date/Time of Photo:	4/22/2025 10:42
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site
Photo Description:	Standing on the North side of WSF 4 looking South. View of WSF 4.



Photo #:	0751
Date/Time of Photo:	4/22/2025 10:41
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site
Photo Description:	Standing on the West side of WSF 4 looking East. View of WSF 4.



Photo #:	0939
Date/Time of Photo:	4/22/2025 10:10
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy



Photo Description:
Stacked solid manure on concrete, runoff flows to a designated concrete channel to WSF 1.

Photo #:	0942
Date/Time of Photo:	4/22/2025 10:12
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy



Photo Description:
Concrete Storage 2. Solid manure is stored on a concrete pad between WSF 1 and WSF 2. This pad directly drains into WSF 2.

Photo #:	0913
Date/Time of Photo:	4/22/2025 9:43
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy
Photo Description:	Concrete pad with recycled sand bedding stacked on it. The runoff flows directly into WSF 1.



Photo #:	0913
Date/Time of Photo:	4/22/2025 9:46
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:
Standing on the South side of the FSA looking North. View of FSA.



Photo #:	0914
Date/Time of Photo:	4/22/2025 9:46
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:
Standing on the South side of the FSA looking North. View of FSA.



Photo #:	0916
Date/Time of Photo:	4/22/2025 9:47
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:
Standing on the Southwest side of the FSA looking East. View of FSA.



Photo #:	0920
Date/Time of Photo:	4/22/2025 9:47
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:
Standing on the South side of the FSA looking Northwest. View of FSA.



Photo #:	0919
Date/Time of Photo:	4/22/2025 9:48
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:
Standing on the West side of the FSA looking East. View of FSA.



Photo #:	0921
Date/Time of Photo:	4/22/2025 9:49
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:
Standing on the Southwest side of the FSA looking North. View of FSA.



Photo #:	0922
Date/Time of Photo:	4/22/2025 9:50
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA
Photo Description:	Standing on the Northwest side of the FSA looking South. View of FSA.



Photo #:	0923
Date/Time of Photo:	4/22/2025 9:50
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA
Photo Description:	Standing in the Northwest side of the FSA looking East. View of FSA.



Photo #:	0948
Date/Time of Photo:	4/22/2025 10:16
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy



Photo Description:
Standing on the North side of WSF 2 looking West. View of burn pit.

Apr 22, 2025 at 10:16:22 AM

Photo #:	0954
Date/Time of Photo:	4/22/2025 10:21
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy



Photo Description:
Standing on the East side of WSF 2 looking East.

Apr 22, 2025 at 10:21:31 AM

Photo #:	0955
Date/Time of Photo:	4/22/2025 10:23
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Solid Separator



Photo Description:
Separated solids stored under roof.

Photo #:	0744
Date/Time of Photo:	4/22/2025 10:31
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy



Photo Description:
Standing on the East side of the Free stall barns looking West.

Photo #:	0929
Date/Time of Photo:	4/22/2025 9:57
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy



Photo Description:

Standing on the North side of the Leachate pit looking North. View of creek. Water was clear with no observations of waste feed or other materials.

Photo #:	Pumped
Date/Time of Photo:	4/25/2025 12:09
Photo By:	Jeremy Van Asten
Photo Location:	Main Dairy Leachate Pit



Photo Description:

Jeremy Van Asten, sent Jacobs a photo on April 25th at 12:09 pm of their leachate pit pumped down.

SUMMARY:

Substantial Compliance

The permittee is in substantial compliance with the permit.

Areas of Concern

- The feed storage area has the potential for an unauthorized discharge due to the feed going over the concreted area onto gravel.
- Signs of sloughing were observed along the berm of WSF 5, ensure proper operation and maintenance so discharges do not occur.
- MOL level on the permanent markers were difficult to read.
- Animal burrows were observed around WSF 5.

Permit Violations

Section 1.3.2— Discharge Prevention:

The permittee may not exceed the maximum operating level in liquid storage or containment facilities except as a result of recent precipitation or conditions that do not allow removal of material from the facility in accordance with permit conditions.

Action Item

1. Submit documentation to the department by 6/30/2025, that appropriate maintenance for the VTA has occurred in accordance with the operation and maintenance plan.
2. Submit to the department a timeline for corrections to WSF 1, 2, and 3 as stated in the further actions letter dated 12/2/2024 (R-2023-0184a).
3. Submit photo documentation to the department by 6/30/2025 that shows MOL posts have been remarked to more clearly depict MOL level.
4. Submit photo documentation to the department by 6/30/2025 that show animals burrows have been addressed.

Items for next permit term

- An evaluations of the feed storage area run off controls may required.

Required materials must be submitted together as a complete permit application through the ePermitting System: <http://dnr.wi.gov/permits/water/>. The system will not allow you to electronically sign and submit your application until all of the following are included:

- 3400-025 form (Livestock/Poultry Operation WPDES Permit Application)
- 3400-025A form (Animal Units Calculation Worksheet)
- 3400-025B form (Nutrient Management Plan Checklist)
- 3400-025C form (Reviewable Facilities of Systems Checklist)
- A soil survey map of the dairy's production area
- A labeled aerial map showing the existing and proposed features and structures of the dairy's production area
- Calculations documenting days liquid manure and process wastewater storage
- Supporting documentation for days storage calculations
- A complete 5-year Nutrient Management Plan (NMP). If necessary, include a description of permanent spray