

Permit Fact Sheet

General Information

Permit Number	WI-0067657-01-0
Permittee Name and Address	Jagiello Dairy Farm LLC 8661 Jagiello Road, Lena, WI 54139
Permitted Facility Name and Address	Jagiello Dairy Farm LLC 8644 Jagiello Road, Lena
Permit Term	September 01, 2026 to August 31, 2031
Receiving Water	unnamed tributaries within the Little River Watershed, and groundwaters of the state
Discharge Type	Existing

Animal Units					
Animal Type	Current AU		Proposed AU (Note: If all zeroes, expansions are not expected during permit term)		
	Mixed	Individual	Mixed	Individual	Date of Proposed Expansion
Dairy Calves (under 400 lbs.)	36	0	48	0	03/01/2029
Milking and Dry Cows	1288	1316	2380	2431	03/01/2029
Heifers (400 lbs. to 800 lbs.)	148	246	420	700	03/01/2029
Heifers (800 lbs. to 1200 lbs.)	238	216	660	600	03/01/2029
Total	1710	1316	3508	2431	

Facility Description

Jagiello Dairy Farm LLC is an existing Concentrated Animal Feeding Operation (CAFO). Jagiello Dairy Farm LLC is owned and operated by Bruce and Duane Jagiello and Troy Wagner. The day-to-day operators are Donnie Jagiello and Tyler and Marlena Wagner. It currently has 1709.6 animal units. Based on current herd size Jagiello Dairy Farm LLC has approximately 165 days of liquid manure storage. Jagiello Dairy Farm LLC will generate 13,787,077 gallons of liquid manure and process wastewater and 7,580 tons of solid manure annually. Jagiello Dairy Farm has a total of 3,596 acres available for land application of manure and process wastewater. Of this acreage, 2,292 acres are owned, and 1,278 acres are rented.

Substantial Compliance Determination

Enforcement During Last Permit:

This is Jagiello Dairy's first permit.

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 1, located at the Dairy Site. WSF 1 is a concrete lined storage located on the southern side of WSF 2. This facility is a two celled system, the first cell flows through a concrete channel into WSF 2. This facility serves as a collection system for the feed storage area and the free stall barns. The facility has a maximum operating level capacity of 3,118,009 gallons. WSF 1 will require an engineering evaluation, see Schedules section for due dates.	
002	WSF 2: Sample point 002 is for liquid waste storage facility 2, located at the Dairy Site. WSF 2 is a concrete lined storage located on the northern side of WSF 1 and to the east of the heifer barn. It features an access ramp at the northwest corner. This facility serves as a collection system for the feed storage area and the free stall barns. The facility has a maximum operating level capacity of 3,103,961 gallons. WSF 2 will require an engineering evaluation, see Schedules section for due dates.	
003	WSF 3: Sample point 003 is for liquid waste storage facility 3, located at the Dairy Site. WSF 3 is a vertical walled concrete structure storage located on the south side of the heifer barn. This facility is a vertical walled concrete structure and functions as a collection system specifically for the heifer barn. The facility has a maximum operating level capacity of 6,096 gallons and includes a access ramp along the West side. This facility gets manually pumped out and transferred into WSF 1. WSF 3 will require an engineering evaluation, see Schedules section for due dates.	
004	Manure Storage Solids: Sample point 004 is for any manure solids removed from bottom of liquid waste storage facilities. This includes manure-laden sand solids, manure fiber solids, etc. Representative samples shall be taken from each waste storage facility.	
005	Solids: Sample point 005 is for solid manure sources that are directly land applied and not stored in a waste storage facility. This includes solid sources such as calf hutch manure, maternity pen bed pack, heifer bed pack, steer manure, etc. Representative samples shall be taken for each manure source type.	
006	Feed Storage Area & Runoff Control System: Sample point 006 is for visual monitoring and inspection of the feed storage area and associated runoff control system located at the Dairy Site. The feed storage area is located on the northern side of the facility and to the east of the feed lot and old barn. This area consists of a concrete pad, which is sloped south to facilitate drainage towards a first flush collection system which is a small detention basin. The first flush goes into WSF 2 while the rest flows into a channel heading east into a field. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program. An engineering evaluation of the feed storage area and runoff control system shall be submitted according to the Schedules section of the permit.	
007	Outdoor Feed Lot: Sample point 007 is for visual monitoring and inspection of the concrete feedlot located at the Dairy Site. Currently, this lot features concrete flooring and is not equipped with a runoff collection system. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program. An engineering evaluation of the feedlot and runoff control system shall be submitted according to the Schedules section of the permit.	

Sample Point Designation For Animal Waste		
Sample Point Number	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)	
008	Headland Stacking: Sample point 008 is for solid manure stacked in approved headland stacking locations. Representative samples shall be taken of this manure prior to land application. Note: Headland stacking sites are subject to production site discharge limitations; weekly visual monitoring is required during use of stacking sites to ensure discharges meet permit requirements.	

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 165 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 1709.6 animal units, it is estimated that approximately 13,787,077 of manure and process wastewater will be produced per year. The permittee owns *approximately* 2292 acres of cropland and rents about 1278. Given the rotation commonly used by the permittee, 3476 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 in inspections or otherwise notify the Department. Samples of manure, process wastewater and soils receiving land applied materials from the operation must also be collected and analyzed.

Sampling Points

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

1.1 Sample Point Number: 001- WSF 1; 002- WSF 2; 003- WSF 3

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Nitrogen, Total		lb/1000gal	2/Month	Grab	
Nitrogen, Available		lb/1000gal	2/Month	Calculated	
Phosphorus, Total		lb/1000gal	2/Month	Grab	
Phosphorus, Available		lb/1000gal	2/Month	Calculated	
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: 004- Manure Storage Solids; 005- Solids; 008- 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

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: 006- Feed Storage Area; 007- Outdoor Feed Lot

1.3.1 Changes from Previous Permit

N/A

1.3.2 Explanation of Operation and Management Requirements

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

2 Schedules

2.1 Emergency Response Plan

Required Action	Due Date
Develop Emergency Response Plan: Develop a written Emergency Response Plan within 30 days of permit coverage, available to the Department upon request.	10/01/2026

2.2 Monitoring & Inspection Program

Required Action	Due Date
Proposed Monitoring and Inspection Program: Consistent with the Monitoring and Sampling Requirements subsection, the permittee shall submit a proposed monitoring and inspection program within 30 days of the effective date of this permit.	10/01/2026

2.3 Annual Reports

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

Required Action	Due Date
Submit Annual Report #1: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2027
Submit Annual Report #2: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2028
Submit Annual Report #3: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2029
Submit Annual Report #4: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2030
Submit Annual Report #5: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2031
Ongoing Annual Reports: Continue to submit Annual Reports until permit reissuance has been	

completed.	
------------	--

2.4 Nutrient Management Plan

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

Required Action	Due Date
Management Plan Submittal: Submit any necessary updates to the Nutrient Management Plan to meet the conditions outlined in this permit (see conditions in the Livestock Operational and Sampling Requirements section).	03/31/2027
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.	03/31/2028
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.	03/31/2029
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.	03/31/2030
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.	03/31/2031
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.	03/31/2032
Ongoing Management Plan Annual Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed.	

2.5 Feed Storage - Engineering Evaluation

Applicable to sample point 006.

Required Action	Due Date
Retain Qualified Expert: The permittee shall retain a qualified expert to complete an engineering evaluation for the feed storage area and associated runoff control system and report the name of the expert to the Department.	11/01/2026
Written Description of Existing System: Submit an engineering evaluation that includes a written description of the existing feed storage area and its adequacy to meet the conditions found in the Production Area Discharge Limitations subsection and NR 243.15, Wis. Adm. Code.	06/01/2027
Plans and Specifications: Submit plans and specifications for Department review and approval to permanently correct any adverse conditions identified as part of the engineering evaluation for the feed storage area in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code.	05/01/2028
Corrections and Post Construction Documentation: Complete construction of improvements to permanently correct any adverse conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the	05/01/2029

project.	
----------	--

2.6 Manure Storage Facility - Engineering Evaluation

Applicable to WSF 1, WSF 2, and WSF 3 also known as sample point 001, 002, and 003.

Required Action	Due Date
Retain Expert: Retain a qualified expert to complete an engineering evaluation for the manure storage facilitys and report the name of the expert to the Department.	11/01/2026
Written Report: Submit a written report evaluating the existing manure storage facility's ability to meet the conditions in the Production Area Discharge Limitations and Manure and Process Wastewater Storage subsections and s. NR 243.15, Wis. Adm. Code. (See Standard Requirements for report details.)	06/01/2027
Plans and Specifications: Submit plans and specifications for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code, to permanently correct any adverse manure storage conditions.	05/01/2028
Corrections and Post Construction Documentation: Complete construction on the manure storage facility that permanently corrects any adverse conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	05/01/2029

2.7 Runoff Control System - Engineering Evaluation

Applicable to the outdoor feedlot, sample point 007

Required Action	Due Date
Complete Engineering Evaluation: Retain a qualified expert to complete an engineering evaluation for the outdoor lot runoff control system and report the name of the expert to the Department.	11/01/2026
Written Description of Existing System: Submit a written description of the existing runoff control system and its adequacy to permanently meet the conditions in the Production Area Discharge Limitations and Runoff Control subsections and s. NR 243.15, Wis. Adm. Code. (See Standard Requirements for report details.)	06/01/2027
Plans and Specifications: Submit plans and specifications for Department review and approval to permanently correct any adverse runoff control conditions in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code.	05/01/2028
Corrections and Post Construction Documentation: Complete construction of runoff controls that permanently correct any adverse runoff control conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	05/01/2029

2.8 Manure Storage Facility - Installation of 180 Day Liquid Manure Storage

Required Action	Due Date
Submit Plans and Specifications: Submit Plans and specifications for an additional waste storage facility to meet the 180-day liquid manure storage facility for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code. See Standard Requirements for plan content information.	12/31/2026
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.	05/01/2028

2.9 Permanent Markers - Installation

Applicable to WSF 1, WSF 2, and WSF 3 also known as sample point 001, 002, and 003.

Required Action	Due Date
Plans and Specifications: For liquid storage facilities without permanent markers specified in s. NR 243.14(9), Wis. Adm. Code, submit plans and specifications to install permanent markers for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code.	12/01/2026
Complete Installation: Complete installation of permanent markers. 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.	07/01/2027

2.10 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	02/01/2031

2.11 Explanation of Schedules

- An emergency response plan is required to be developed per s. NR 243.13(6)(a) Wis. Admin. Code.
- A monitoring and inspection program is required to be submitted per s. NR 243.19(1) Wis. Admin. Code.
- Annual reports are required to be submitted per s. NR 243.19(3) Wis. Admin. Code.
- Nutrient management plan updates are required to be submitted per s. NR 243.19(3) Wis. Admin. Code.
- A permit reissuance application is required per s. NR 243.12(1)(d) Wis. Admin. Code.
- Engineering evaluation of feed storage area and associated runoff controls (Sample Point 006) has been included per s. NR 243.16(1) Wis. Admin. Code as the Department has not previously evaluated the facility.
- Engineering evaluations of WSF 1, WSF 2, and WSF 3 (Sample Point 001, 002, 003) have been included per s. NR 243.16(1) Wis. Admin. Code as the Department has not previously evaluated the facility.

- Engineering evaluation of the outdoor lot and associated runoff controls (Sample point 007) has been included per s. NR 243.16(1) Wis. Admin. Code as the Department has not previously evaluated the facility.
- Installation of 180-day liquid manure storage has been included per accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Admin. Code.
- Permanent Marker Installation has been included for liquid storage facilities without permanent markers specified in s. NR 243.14(9), Wis. Admin. Code, submit plans and specifications to install permanent markers for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Admin. Code.

Attachments

Map(s)

- Preliminary Inspection - 5/21/2025

Plan Approval Letter

- NMP Approval – 5/27/2026

Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit issuance

Prepared By: Makayla Jacobs

Agricultural Runoff Management Specialist

Date: 6/22/2026



May 27, 2026

Oconto County
Approval

Donald Jagiello
Jagiello Dairy Farm LLC
8661 Jagiello Road
Lena, WI 54139

SUBJECT: Conditional Approval of Jagiello Dairy Farm LLC Nutrient Management Plan, WPDES Permit No. 0067657-01-0

Dear Donald Jagiello:

After completing a review of Jagiello Dairy Farm 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 Jagiello Dairy Farm 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 1709.6 animal units (920 milking & dry cows, 462 heifers, and 182 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 13,787,077 gallons of manure and process wastewater and 7580 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 Jagiello Dairy Farm LLC currently has 3596 acres (2292 owned and 1278 controlled through contracts, rental agreements or leases, or under manure agreements) of which 3476 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 Jagiello Dairy Farm 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. If existing fields yield a soil test results equal to or greater than 200 ppm P, those fields would be prohibited from receiving manure or process wastewater applications, unless you obtain Department approval in accordance with NR 243.14(5)(b)2., Wis. Adm. Code.
3. All liquid manure samples collected may be analyzed, at a minimum, for percent dry matter, total nitrogen, percent $\text{NH}_4\text{-N}$, percent $\text{NO}_3\text{-N}$, phosphorus, potassium, and sulfur.
4. If manure sample results have a dry matter (DM) content less than 2.0% and the percent ammonium (NH_4^+) is greater than 75% of the total N, Jagiello Dairy Farm LLC may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

5. Jagiello Dairy Farm LLC shall record daily manure applications by using form 3200-123A.
6. Jagiello Dairy Farm 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

7. Liquid manure applications during winter conditions, as defined by NR 243.14(7), Wis. Adm. Code, are prohibited with the exception of emergency applications.
8. The following field(s) are approved for emergency applications of liquid manure, frozen liquid manure, and solid manure:

• Duane 33 • Groh 30	• Jen HF 286 • Joe 123	• Tisch 103
---	---	---
9. 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.
10. Winter applications of liquid manure shall only occur under emergency situations, after notifying the Department and receiving verbal approval.
11. 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

12. No headland stacking sites are approved.

MANURE & PROCESS WASTEWATER IRRIGATION

13. Irrigation of manure or process wastewater is prohibited.

SUBMITAL AND RECORDKEEPING REQUIREMENTS

14. 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.

15. The farm is required to take a minimum number of manures samples to meet permit requirements as follows:

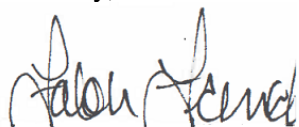
- Solid Manure: One solid sample per source on a quarterly basis when hauling occurs.
- Liquid Manure: Two liquid samples per source on a monthly basis when hauling occurs.

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

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

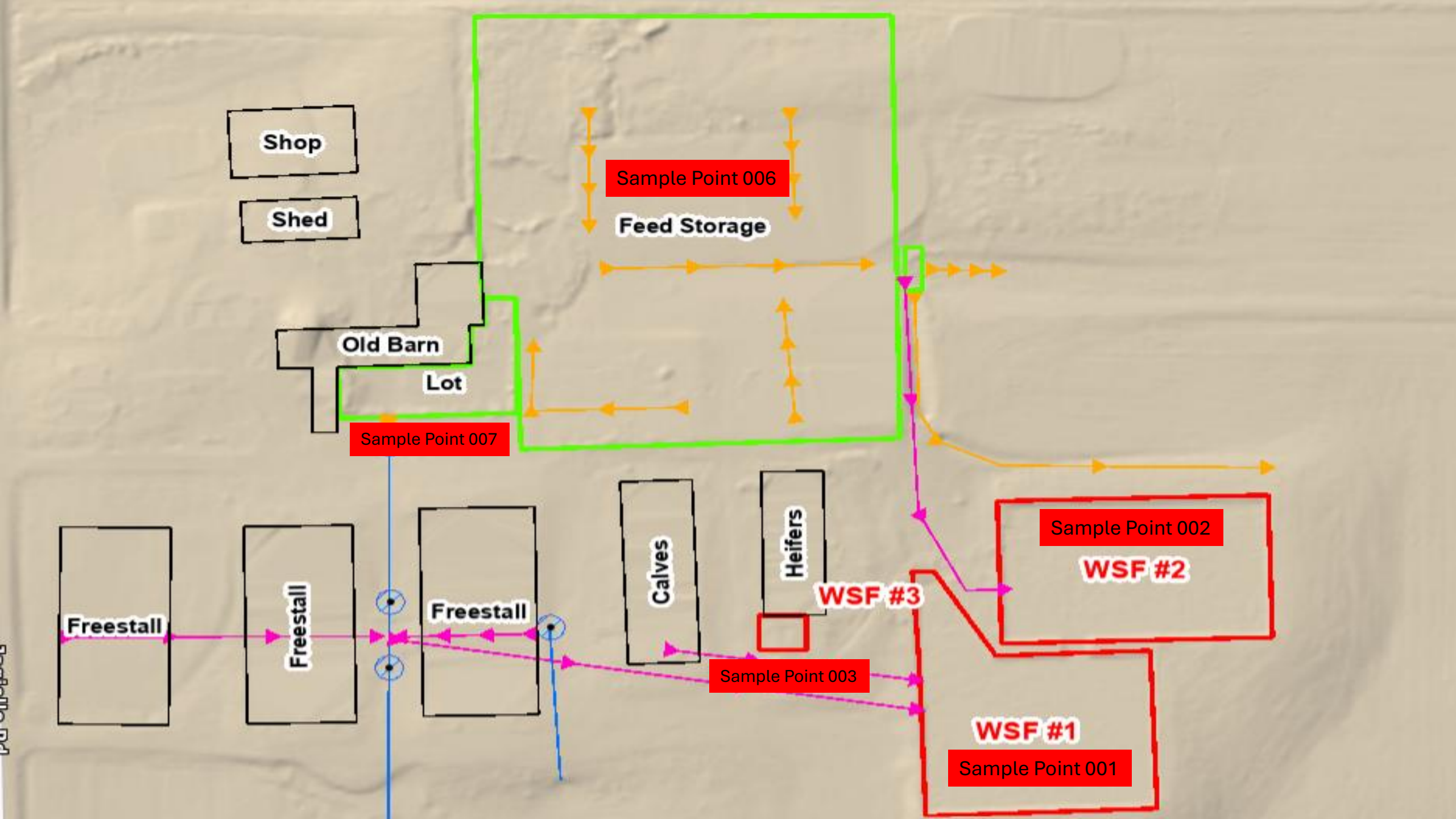
If you have any questions regarding this approval I can be reached at (608) 228-5265 or Falon.French@Wisconsin.gov.

Sincerely,



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

cc: Makayla Jacobs, WDNR Agricultural Runoff Specialist (makayla.jacobs@wisconsin.gov)
Erin Hanson, WDNR Watershed Field Supervisor (erine.hanson@wisconsin.gov)
Joe Baeten, Agricultural Runoff Section Manager (Joseph.Baeten@Wisconsin.gov)
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator (Aaron.Orourke@Wisconsin.gov)
Ashley Scheel, WDNR CAFO Nutrient Management Plan Reviewer (Ashley.Scheel@Wisconsin.gov)
Anthony Salituro, WDNR CAFO Engineer (anthony.salituro@wisconsin.gov)
Sheri Denowski, Marinette County (Sheri.Denowski@marinettecounty.com)
Ken Dolata, Oconto County (ken.dolata@co.oconto.wi.us)
Bobbi Holl, pH Crop Consulting LLC (bjschim@gmail.com)
File





July 2, 2025

Donnie Jegiello
Jegiello Dairy Farm LLC
8672 Jagiello Rd
Lena, WI, 54139

Oconto County

Subject: **Preliminary Inspection Report and Notice of Noncompliance – Response Requested by August 1, 2025.**

Dear Mr. Jegiello:

The Department of Natural Resources has reason to believe that your facility, located at 8672 Jegiello road, Lena, WI 54139, is in noncompliance with ch. NR 243, Wis. Adm. Code. Based on the animal herd numbers you provided to the department on June 30, 2025, your farm operation is currently operating over the size that requires a Wisconsin Pollution Discharge Elimination System (WPDES) Permit.

The department believes that your farm is not complying with s. NR 243.12(1)(a), Wis. Adm. Code. Your facility has 1,270 animal units. Facilities over 1000 animal units are defined as large concentrated animal feeding operations and require permit coverage.

To return to compliance and obtain WPDES coverage, a permit application meeting NR 243.12 Wis. Adm. Code must be submitted. Please submit a preliminary application no later than August 1, 2025. Information regarding application materials and online submittal can be found online here:

<http://dnr.wi.gov/topic/AgBusiness/CAFO/PermitForms.html>

<http://dnr.wi.gov/permits/water/>

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

Sincerely,

Makayla Jacobs
Agricultural Runoff Management Specialist

Electronic CC:
Ken Dolata - Oconto County
Bobbi Holl - Ph crop consulting
Joe Baeten - DNR

CAFO Compliance Inspection Report



Inspection Date: 5/21/2025

Report Final Date: 7/2/2025

Operation Name: Jagiello Dairy LLC

Farm Address: 8672 Jagiello Rd, Lena, WI, 54139

On-Site Representative(s): Tyler Wagner, Marla Wagner, Donnie Jagiello

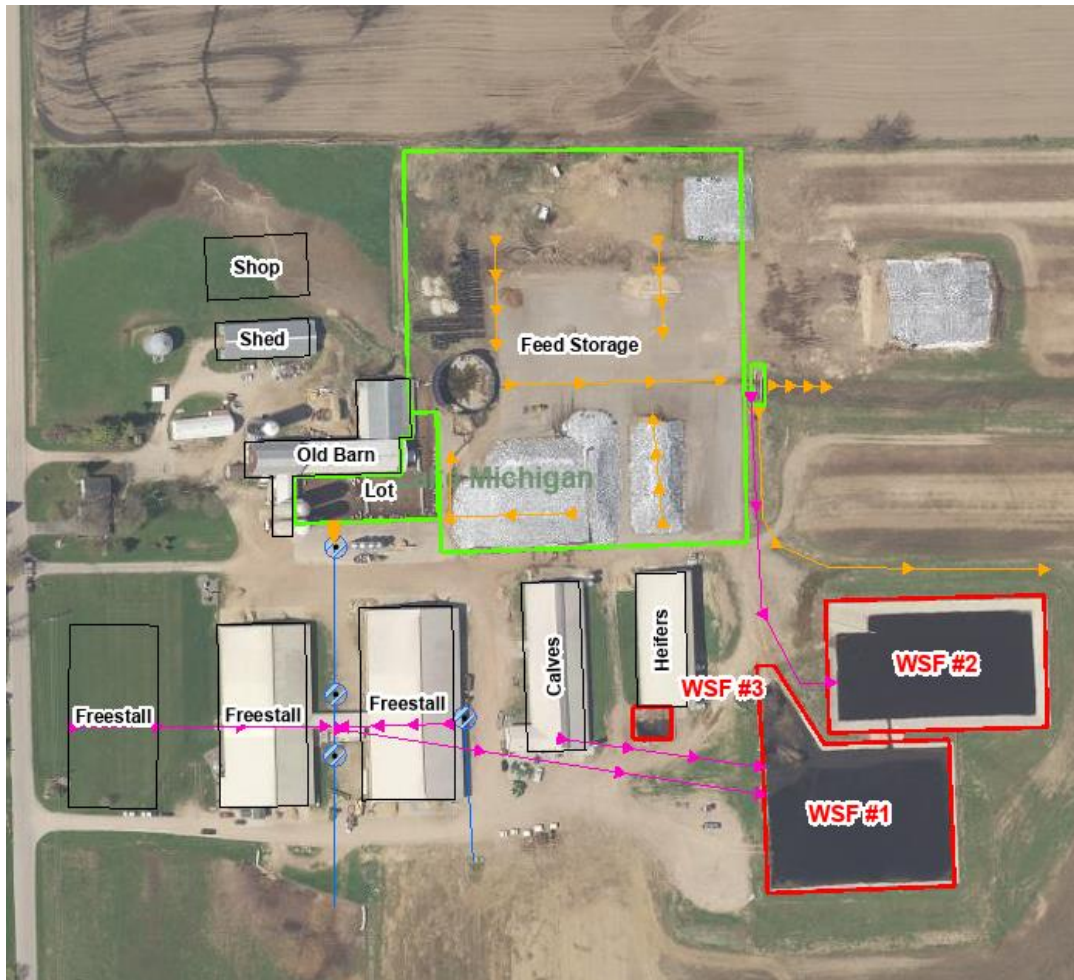
Report Author: Makayla Jacobs, Agricultural Runoff Specialist.

Other Participating Agencies: Bobbi Holl (Agronomist), Brian Hanson (WDNR)

Introduction

On Wednesday, May 21, 2025 Jacobs and Hanson met with Tyler Wagner, Marla Wagner, Donnie Jagiello, and Bobbi Holl (agronomist) at 9:00 am at Jagiello Dairy LLC to conduct a pre permit walkover inspection. The main production site was inspected and the facility is above 1000 animal units with no WPDES permit. Liquid precipitation had fallen over the previous couple days and the temp was in the 40s. No violations of NR 151 were observed, and no water samples were collected.

Site Overview Diagram (Main Dairy)



SITE OBSERVATIONS :

Feedlot Runoff

There is one feedlot situated on the farm, positioned on the North side of the free stall barns and South side of the old barn. This lot features concrete flooring and is not equipped with a runoff collection system. The runoff from the lot flows to a stormwater drain on the south side of the lot that then flows out to the southern side of the facility to an outlet that runs into a field. The farm's plan involves abandoning the feedlot or putting a runoff collection system in.

Calf Hutch Areas

The farm is not utilizing calf hutches at this time.

Waste Storage Facilities

There are two liquid waste storage facilities on the farm. The farm has future plans of adding another WSF to their site.

WSF 1 is located on the southern side of WSF 2 and to the East of the heifer barn. This facility is lined with concrete and has fencing around it. It features an access ramp at the southwest corner and does not feature a Maximin Operating Level (MOL) marker. This facility is a two celled system, it flows through a concrete channel into WSF 2. This facility serves as a collection system for the feed storage area and the free stall barns.

WSF 2 is located on the Northern side of WSF 1 and to the East of the heifer barn. This facility is lined with concrete and has fencing around it. It features an access ramp at the Northwest corner and does not feature a Maximin Operating Level (MOL) marker. This facility serves as a collection system for the feed storage area and the free stall barns

WSF 3 is located on the South side of the Heifer barn. This facility is a vertical walled concrete structure and functions as a collection system specifically for the heifer barn. This facility includes a access ramp along the West side. This facility gets manually pumped out and transferred into WSF 1.

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

Milking Parlor wash water at the dairy is first collected and pumped to the reception tank that's located between the middle and east free stall barns and is then transferred to WSF 1 for long term storage.

Animal Mortality Disposal

Animal mortalities are picked up as needed by Circle R.

Feed Storage Area (FSA) Runoff

This farm contains one designated feed storage area.

The feed storage area is located on the northern side of the facility and to the east of the feed lot and old barn. This area consists of a concrete pad, which is sloped south to facilitate drainage towards a first flush collection system which is a small detention basin. The first flush goes into WSF 2 while the rest flows into a channel heading East into a field, at the time of the inspection the area was well vegetated. Runoff collection requirements for CAFO facilities were discussed and possible upgrades may be needed.

Ancillary Service Areas

Preventative maintenance actions are occurring to minimize pollutant discharges from ancillary service and storage areas (i.e. storm water conveyance systems, driveways, etc.). At the time of the inspection, most stormwater channels were well vegetated. The runoff from the outdoor lot flows to a stormwater inlet on the south side of the lot that then flows out to the southern side of the facility to an outlet that runs into a field. The water at the outlet was a dark brown and had an odor like manure. Farm should continue to manage these areas to minimize the chance of runoff from the production area.

Photo #:	1
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Feed Lot
Photo Description: Standing on South side of the feed lot looking North. View of feedlot.	



Photo #:	2
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Feed Lot
Photo Description: Standing on the Southwest side of the feedlot looking East. View of feedlot.	



Photo #:	3
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Feed Lot

Photo Description:

Standing on the South side of the feedlot looking North. View of feedlot.



Photo #:	4
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Feed Lot

Photo Description:

Standing on the South side of the feedlot looking North. View of feedlot.



Photo #:	5
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Feed Lot

Photo Description:

Standing on the Southwest side of the feedlot looking East. View of feedlot.



Photo #:	6
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Feed Lot

Photo Description:

Standing on the Southeast side of the feedlot looking West. View of feedlot and runoff flow.

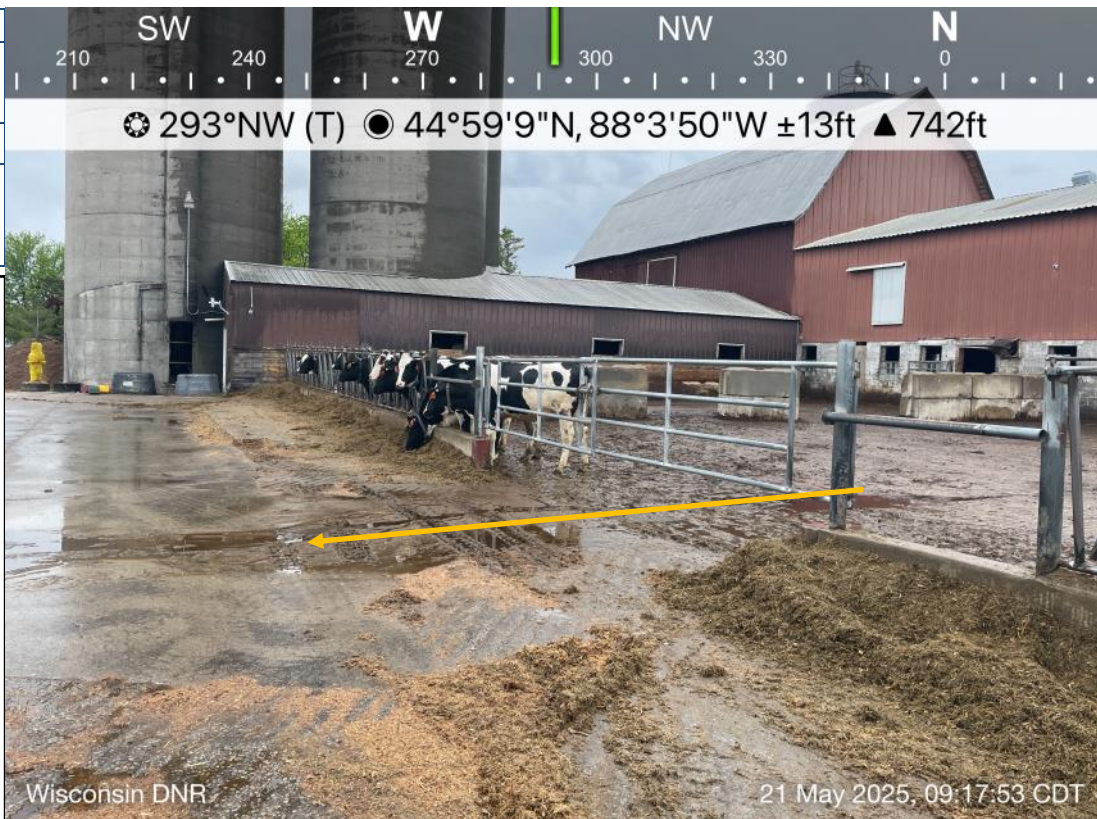


Photo #:	7
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Feed Lot

Photo Description:

Standing on the South side of the feedlot looking North. View of feedlot and runoff flow.

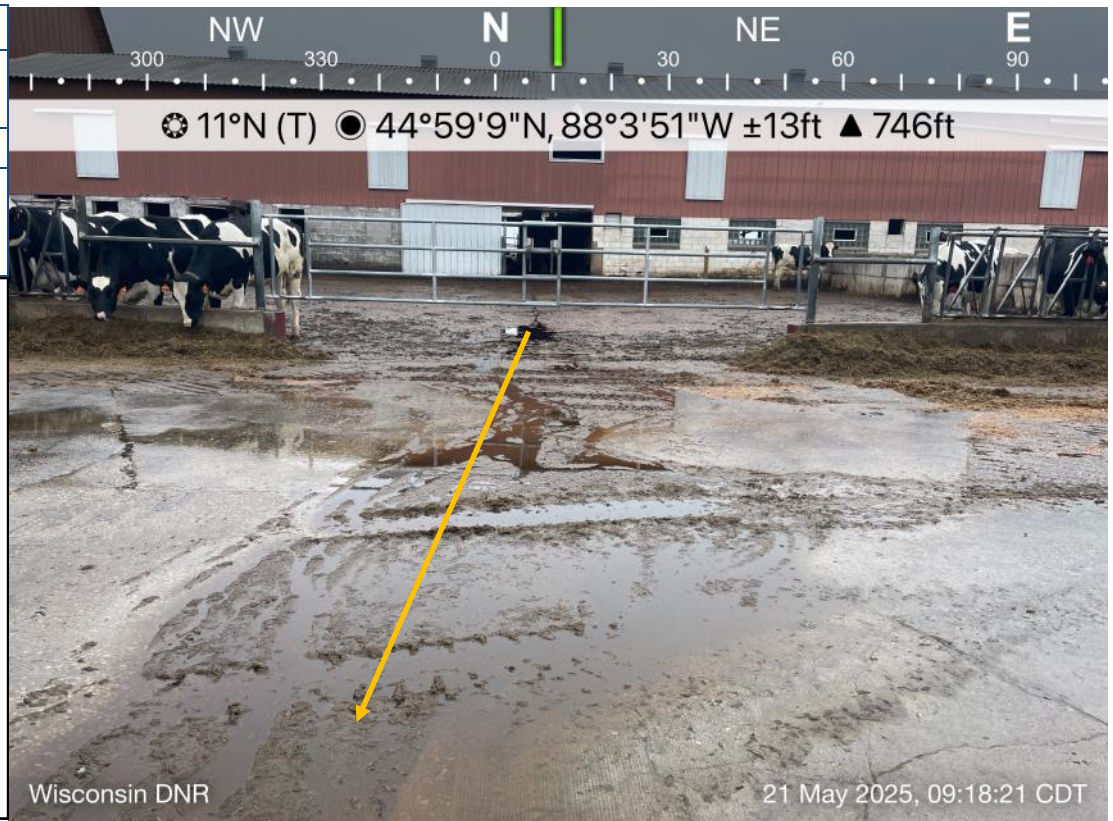


Photo #:	8
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy Feed Lot Runoff

Photo Description:

Standing on the South side of the feedlot looking Southwest. View of stormwater drain. This drain is where the runoff from the feedlot flows too.



Photo #:	9
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2

Photo Description:

Standing on the Northwest side of WSF 2, looking East. View of WSF 2.



Photo #:	10
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2

Photo Description:

Standing on the Northwest side of WSF 2, looking South. View of WSF 2s access ramp.



Photo #:	11
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2

Photo Description:

Standing on the East side of WSF 2, looking Southwest. View of WSF 2.



Photo #:	12
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2

Photo Description:

Standing on the East side of WSF 2, looking South. View of WSF 2.



Photo #:	13
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2

Photo Description:

Standing on the East side of WSF 2, looking West. View of WSF 2.



Photo #:	14
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2

Photo Description:

Standing on the Southeast side of WSF 2, looking West. View of WSF 2.



Photo #:	15
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2

Photo Description:

Standing on the Southeast side of WSF 2, looking North. View of WSF 2.

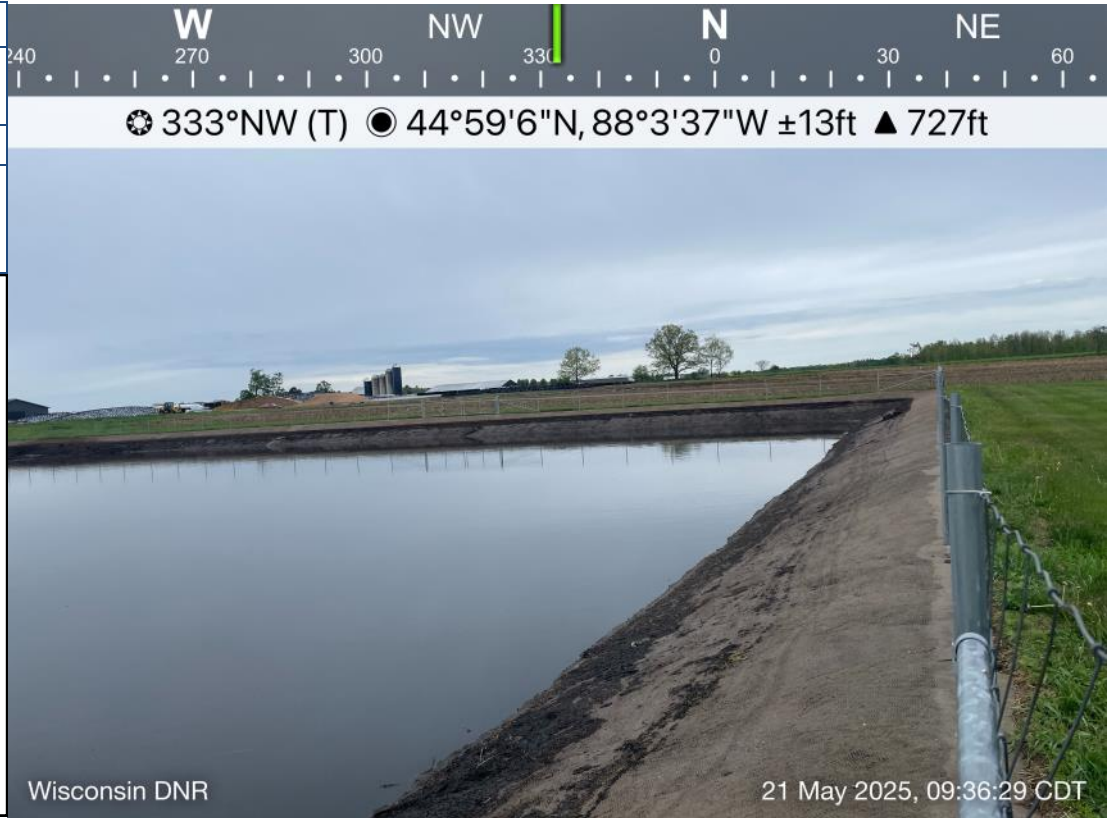


Photo #:	16
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 2

Photo Description:

Standing on the Southeast side of WSF 2, looking West. View of berm separating the two cells.



Photo #:	17
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 1

Photo Description:

Standing on the Northeast side of WSF 1 looking West. View of WSF 1.



Photo #:	18
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 1

Photo Description:

Standing on the Northeast side of WSF 1 looking Southwest. View of WSF 1.



Photo #:	19
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 1

Photo Description:

Standing on the Southeast side of WSF 1 looking West. View of WSF 1.



Photo #:	20
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 1

Photo Description:

Standing on the South side of WSF 1 looking Northwest. View of WSF 1 and woody vegetation.



Photo #:	21
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 1

Photo Description:

Standing on the South side of WSF 1 looking Northwest. View of WSF 1..



Photo #:	22
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 1

Photo Description:

Standing on the South side of WSF 1 looking Northwest. View of WSF 1..

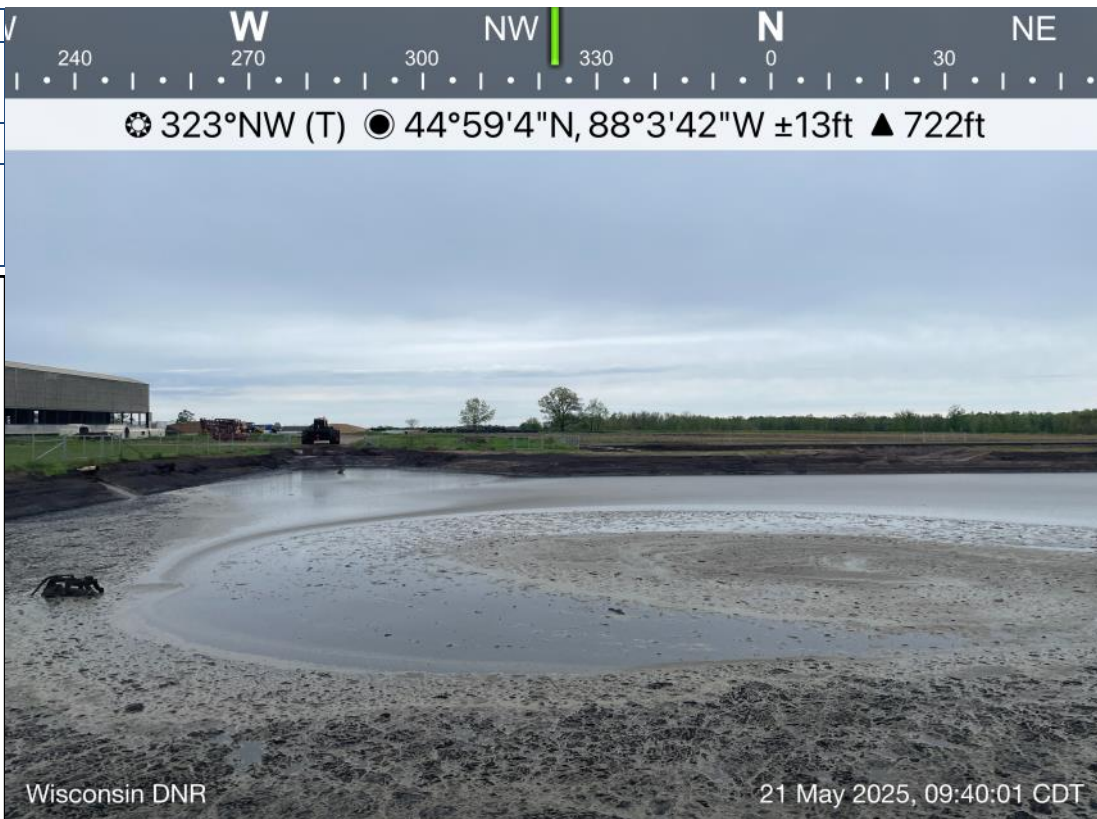


Photo #:	23
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 3

Photo Description:

Standing on the West side of WSF 3, looking East. View of WSF 3.



Photo #:	24
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy WSF 3

Photo Description:

Standing on the South side of WSF 3, looking North. View of WSF 3.



Photo #:	25
Date/Time of Photo:	5/21/2025
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 #:	26
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing on the West side of the FSA looking South. View of FSA.



Photo #:	27
Date/Time of Photo:	5/21/2025
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 #:	28
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing on the West side of the FSA looking Northeast. View of FSA.



Photo #:	29
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing on the West side of the FSA looking North. View of FSA.



Photo #:	30
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing on the West side of the FSA looking North. View of FSA.



Photo #:	31
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing in the middle of the FSA looking Northeast. View of FSA.



Photo #:	32
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing in the middle of the FSA looking South View of FSA.



Photo #:	33
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing on the Northern side of the FSA looking West. View of FSA.



Photo #:	34
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing on the North side of the FSA looking East. View of FSA.



Photo #:	35
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing in the middle of the FSA looking East. View of FSA.



Photo #:	36
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy FSA

Photo Description:

Standing on the East side of the FSA looking South. View of FSA.



Photo #:	37
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the East side of the FSA looking Northeast. View of gravel to the East of the feed pad.



Photo #:	38
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the East side of the FSA looking East. View of gravel to the East of the feed pad.



Photo #:	39
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the east side of the FSA looking East. View of First flush system.



Photo #:	40
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

View of first flush system.



Photo #:	41
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy
Photo Description:	Standing on the east side of the first flush system looking North. View of vegetated area after first flush.



Photo #:	42
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy
Photo Description:	Standing on the East side of the FSA looking North. View of FSA.



Photo #:	43
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the East side of the Heifer barn, looking East. View of first flush flow path.



Photo #:	44
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the East side of the Heifer barn, looking East. View of first flush flow path.

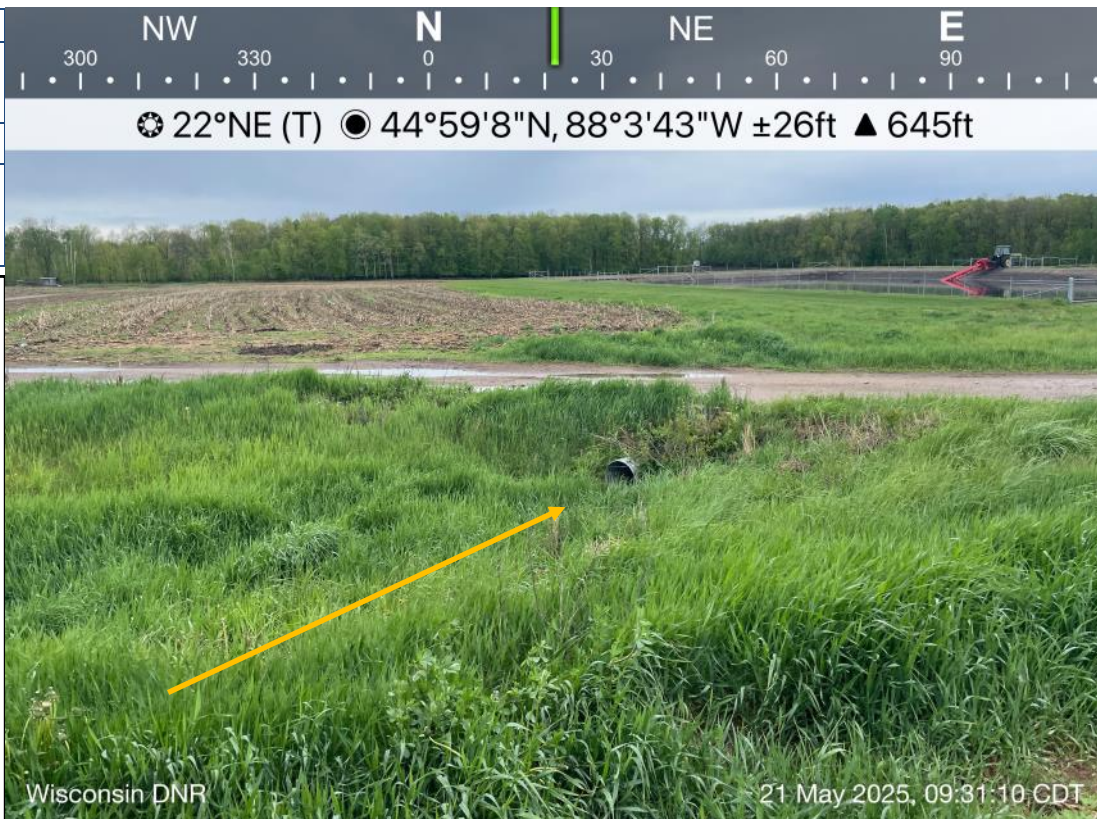


Photo #:	45
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the North side of the free stall barns looking South.



Photo #:	46
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the North side of the free stall barns looking South.



Photo #:	47
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

View of stormwater inlet.



Photo #:	48
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the West side of WSF 3, view of ponding waste, a brown liquid that had an odor like manure, from pumping out WSF 3.



Photo #:	49
Date/Time of Photo:	5/21/2025
Photo By:	Brian Hanson
Photo Location:	Main Dairy
Photo Description: Standing on the South side of the facility looking Southeast. View of stormwater outlet runoff, runoff was brown in some areas with an odor of manure.	



Photo #:	50
Date/Time of Photo:	5/21/2025
Photo By:	Brian Hanson
Photo Location:	Main Dairy
Photo Description: Standing on the South side of the facility looking Southeast. View of stormwater outlet runoff, runoff was brown in some areas with an odor of manure.	



Photo #:	51
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

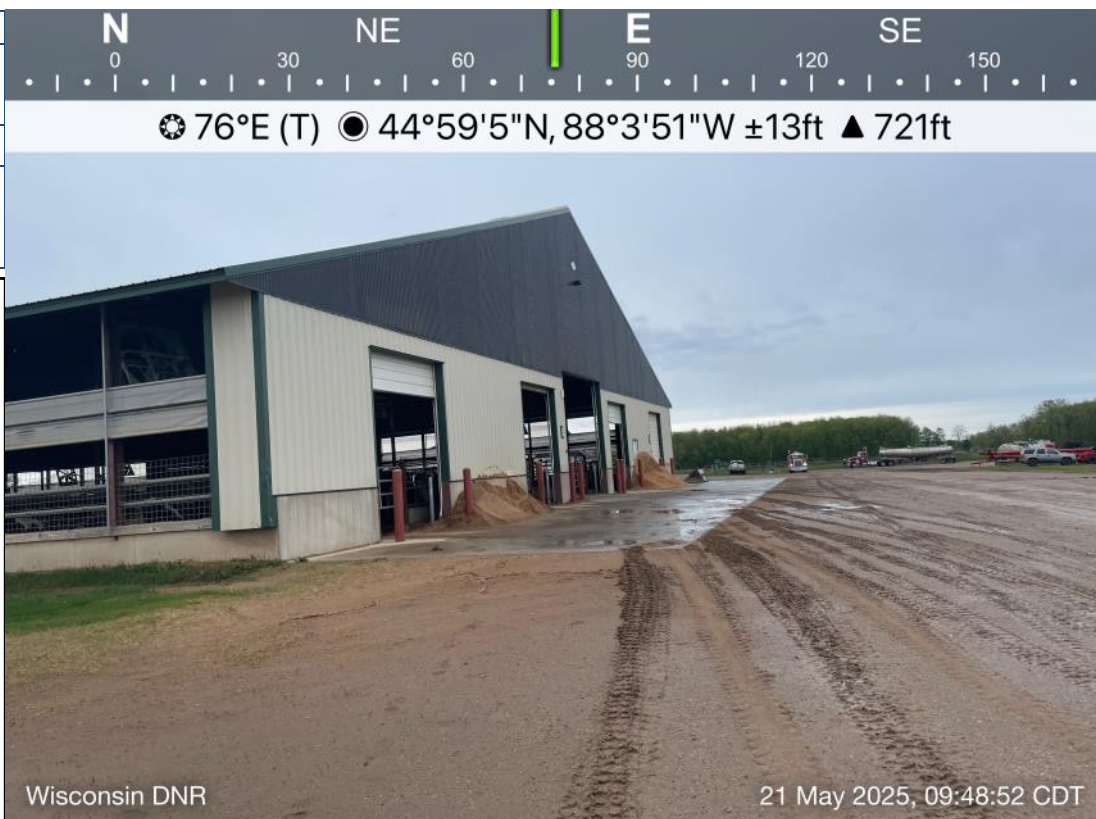
Standing on the South side of the facility looking Southeast. View of stormwater outlet runoff.



Photo #:	52
Date/Time of Photo:	5/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the South side of the free stall barns looking East.



SUMMARY:

Substantial Compliance

Jagiello Dairy LLC is not currently covered by a WPDES permit.

Areas of Concern

- Feed stored without engineered runoff controls could result in a process wastewater handling performance standard prohibition violation; “NR 151.055(2) There may be no significant discharge of process wastewater to waters of the state.”
- Animals kept on the concrete feedlot without proper runoff controls and in close proximity to mapped waters of the state may result in a manure management performance standard prohibition violation; “NR 151.08(4) A livestock operation shall have no direct runoff from a feedlot or stored manure into the waters of the state.”

Permit Violations

- Jagiello Dairy LLC is not currently covered by a WPDES Permit.

Action Items

Preliminary Application will be submitted by 8/1/2025

- Form 3400–025 Livestock/Poultry Operation WPDES Permit Application
- Form 3400–025A Animal Unit Calculation Worksheet [PDF]
- Aerial maps showing the features and structures of each site which is part of the CAFO

Animal Unit Calculation Worksheet
Form 3400-025A (R 3/2012)

The Projected Animal Unit Calculation Worksheet must be filled out separately for the "main" site and each site which are owned or operated by your farm for the purposes of housing animals associated with your operation. The site name, for which you are filling this worksheet out, must be provided below and correlate with Form 3400-025 Site Information (Section II).

Projected Animal Unit Calculation Numbers

Name of Site: Jagiello Dairy Farm LLC

Animal Type		I. Mixed Animal Units			II. Non-mixed Animal Units		
		b. Equiv. factor	c. Projected Number	d. No. of AUs	e. Equiv. factor	f. Projected Number	g. No. of AUs
Example - Broilers (non-liquid manure):		0.005 x	150,000	= 750	0.008 x	150,000	= 1200
Dairy/Beef Calves (under 400 lbs)		0.20 x	240	= 48	Fed. numbers in this column comply with 40 CFR s. 122.23		
Dairy Cattle	Milking & Dry Cows	1.40 x	1,700	= 2,380	1.43 x	1,700	= 2,431
	Heifers (800 lbs to 1200 lbs)	1.10 x	600	= 660	1.00 x	1,300	= 1,300
	Heifers (400 lbs to 800 lbs)	0.60 x	700	= 420			
Beef	Steers or Cows (400 lbs to market)	1.00 x		=	1.00 x		=
	Bulls (each)	1.40 x		=			
Veal Calves		0.50 x		=	1.00 x		=
Swine	Pigs (up to 55 lbs)	0.10 x		=	0.10 x		=
	Pigs (55 lbs to market)	0.40 x		=	0.40 x		=
	Sows (each)	0.40 x		=			
	Boars (each)	0.50 x		=			
Chickens	Layers (each) -non-liquid manure system	0.01 x		=	0.0123 x		=
	Broilers/Pullets (each) -non-liquid manure system	0.005 x		=	0.008 x		=
	Per Bird -liquid manure system	0.033 x		=	0.0333 x		=
Ducks	Ducks (each) -liquid manure system	0.2 x		=	0.2 x		=
	Ducks (each) -non-liquid manure system	0.01 x		=	0.0333 x		=
Turkeys (each)		0.018 x		=	0.018 x		=
Sheep (each)		0.1 x		=	0.1 x		=
Horses (each)		2 x		=	2 x		=
Total Animal Units:		Total Mixed Animal Units = (add all rows above) 3,508			Total Non-Mixed Animal Units = (Enter the single highest number from any row above; DO NOT add the totals) 2,431		

Date of Proposed Expansion (MM/YY):

Animal Unit Calculation Worksheet
Form 3400-025A (R 3/2012)

The Current Animal Unit Calculation Worksheet must be filled out separately for the "main" site and each site which are owned or operated by your farm for the purposes of housing animals associated with your operation. The site name, for which you are filling this worksheet out, must be provided below and correlate with Form 3400-025 Site Information (Section II).

Current Animal Unit Calculation Numbers							
Name of Site: Jagiello Dairy Farm LLC							
Animal Type	I. Mixed Animal Units			II. Non-mixed Animal Units			
	b. Equiv. factor	c. Current Number	d. No. of AUs	e. Equiv. factor	f. Current Number	g. No. of AUs	
Example - Broilers (non-liquid manure):	0.005 x	150,000	= 750	0.008 x	150,000	= 1200	
Dairy/Beef Calves (under 400 lbs)	0.20 x	76	= 15.2	Fed numbers in this column comply with 40 CFR s. 122.23			
Dairy Cattle	Milking & Dry Cows	1.40 x	657	= 919.8	1.43 x	657	= 939.5
	Heifers (800 lbs to 1200 lbs)	1.10 x	193	= 212.3	1.00 x	398	= 398
	Heifers (400 lbs to 800 lbs)	0.60 x	205	= 123			
Beef	Steers or Cows (400 lbs to market)	1.00 x		=	1.00 x		=
	Bulls (each)	1.40 x		=			
Veal Calves		0.50 x		=	1.00 x		=
Swine	Pigs (up to 55 lbs)	0.10 x		=	0.40 x		=
	Pigs (55 lbs to market)	0.40 x		=			
	Sows (each)	0.40 x		=			
	Boars (each)	0.50 x		=			
Chickens	Layers (each) -non-liquid manure system	0.01 x		=	0.0123 x		=
	Broilers/Pullets (each) -non-liquid manure system	0.005 x		=	0.008 x		=
	Per Bird -liquid manure system	0.033 x		=	0.0333 x		=
Ducks	Ducks (each) -liquid manure system	0.2 x		=	0.2 x		=
	Ducks (each) -non-liquid manure system	0.01 x		=	0.0333 x		=
Turkeys (each)		0.018 x		=	0.018 x		=
Sheep (each)		0.1 x		=	0.1 x		=
Horses (each)		2 x		=	2 x		=
Total Animal Units:		Total Mixed Animal Units = (add all rows above) 1270.3			Total Non-Mixed Animal Units = (Enter the single highest number from any row above; DO NOT add the totals) 939.5		

☐ Check here if there are no proposed increases in animal numbers at this site within the next five years.