

Permit Fact Sheet

General Information

Permit Number	WI-0059226-06-0
Permittee Name and Address	Cross Farms LLC 7547 Green Meadow Rd., Oshkosh, WI 54904
Permitted Facility Name and Address	Cross Farms LLC 7022 Cross Rd Winneconne, WI 54986
Permit Term	November 01, 2026 to October 31, 2031
Receiving Water	Groundwater in Arrowhead River and Daggets Creek Watershed of Wolf River River Basin in Winnebago County
Discharge Type	Existing Source CAFO

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.)	4	0	4	0	06/14/2030
Milking and Dry Cows	3613	3691	4620	4719	06/14/2030
Heifers (800 lbs. to 1200 lbs.)	165	150	385	350	06/14/2030
Steers or Cows (400 lbs. to market)	75	75	75	75	06/14/2030
Total	3857	3691	5084	4719	

Facility Description

Cross Farms LLC is an existing Concentrated Animal Feeding Operation (CAFO). Cross Farms LLC is owned and operated by David and Don Sleik. It currently has 3,870 animal units with a planned herd size of 4,719 animal units. Based on current herd size Cross Farms has approximately 264 days of manure storage. Cross Farms Dairy 37,260,920 gallons of manure and process wastewater and 19,930 tons of solid manure and sand solids annually. Cross Farms has a total of 4,186.4 acres available for land application of manure and process wastewater. Of this acreage, 4,051.8 acres are spreadable, 1,380 owned, and 2,806.4 are rented or controlled through contacts.

Substantial Compliance Determination

Enforcement During Last Permit:

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

- A Notice of Violation and an Enforcement Conference was held on January 31, 2023 in response to a spill violation. The source of the pollutant discharge was found to be a subsurface drainage tile line conveying process wastewater from the feed storage runoff collection system at Cross Farms. In 2023, cross farms expanded and modified their FSA and associated runoff controls.

After a desktop review of all discharge monitoring reports, land app reports, compliance schedule items, and a site visit on 8/20/2025, this facility has been found to be in substantial compliance with their current permit.

Compliance determination made by Makayla Jacobs, Agricultural Runoff Specialist on 8/25/2026.

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 manure and process wastewater land applied from waste storage facility 1. WSF 1 is a concrete lined storage located to the north side of the Main Farm. The facility has a maximum operating level of 7,342,538 gallons and was modified in 2015 with department approval. This storage accepts manure and process wastewater from the adjacent animal barns and parlor.	
002	WSF 2: Sample point 002 is for liquid manure and process wastewater land applied from waste storage facility 2 (WSF 2). WSF 2 is an earthen lined storage located to the east of WSF 1 at the Main Farm. The facility has a maximum operating level of 6,644,888 gallons and was constructed in 1999. This storage accepts manure and process wastewater from WSF 4 via a hose, and first flush runoff from the feed storage area. An evaluation was submitted in 2026 and is pending department approval. See Schedules section for due dates.	
003	Solid Manure Sources: Sample point 003 is for any solid manure directly hauled and land applied and not stored in a waste storage facility. Representative samples from all sources (maternity pen bed pack, concrete stacking pads, etc.) shall be taken.	
004	WSF 3: Sample point 004 is for solid manure and process wastewater land applied from waste storage facility 3 (WSF 3). WSF 3 is a concrete lined storage located to the south of the feed storage area at the Main Farm. The facility has a maximum operating level of 999,354 gallons and was constructed in 2007 with department approval. This storage accepts manure from the adjacent heifer lot. Liquid manure and process wastewater is transferred from WSF 3 to WSF 1.	
006	Dry Cow Lot: Sample point 006 is for visual monitoring and inspection of the concrete feedlot and associated runoff control system located at the Dry Cow facility. The concrete feedlot runoff is stored in small storage and transferred to WSF 1 daily. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly and quarterly inspections are required and shall be recorded according to monitoring program.	
007	Feed Storage Area: Sample point 007 is for visual monitoring and inspection of the feed storage area and associated runoff control system located at Main Farm. The FSA was modified in 2023 with department approval. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program.	
008	Settled Solid Manure: Sample point 008 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.	

Sample Point Designation For Animal Waste		
Sample Point Number	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)	
009	Headland Stacking: Sample point 009 is for solid manure stacked in approved headland stacking locations. Representative samples shall be taken of this manure prior to land application. Note: Headland stacking sites are subject to production site discharge limitations; weekly visual monitoring is required during use of stacking sites to ensure discharges meet permit requirements.	
010	Storm Water Runoff Controls: Sample point 010 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.	
011	WSF 4: Sample point 011 is for liquid manure and process wastewater land applied from waste storage facility 4 (WSF4). WSF 4 is a pipping concrete storage located east of WSF 1 and 2 at the Main Farm. The facility has a maximum operating level volume of 9,135,528 and was constructed in 2024 with department approval. The storage accepts manure and process wastewater from WSF 1. Manure is pumped from WSF 4 to WSF 2 via an above ground hose.	
012	WSF 5: Sample point 012 is for process wastewater from the feed storage area. WSF 5 is a concrete lined storage located southeast of the feed storage area expansion at the Main Farm. The facility has a maximum operating level volume of 2,780,384 and was constructed in 2023 with department approval. When WSF 5 is full it is pumped into WSF 2.	
013	Steer Lot: Sample point 013 is for visual monitoring and inspection of the concrete lot and associated runoff control system located at the Main Farm. Manure and process wastewater gravity flow from the Steer Lot into WSF 3. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly and quarterly inspections are required and shall be recorded according to monitoring program.	

Permit Requirements

1 Livestock Operations - Proposed Operation and Management

Production Area Discharge Limitations

Beginning on the effective date of the permit, the permittee may not discharge pollutants from the operation's production area (e.g., manure storage areas, outdoor animal lots, composting and leachate containment systems, milking center wastewater treatment/containment systems, raw material storage areas) to navigable waters, except in the event a 25-year, 24-hour rainfall event (or greater) causes the discharge from a structure which is properly designed and maintained to contain a 25-year, 24-hour rainfall event for this location as determined under s. NR 243.04. If an allowable discharge occurs from the production area, state water quality standards may not be exceeded.

Runoff Control

The permit requires control of contaminated runoff from all elements of the production area to prevent a discharge of pollutants to navigable waters in accordance with the Production Area Discharge Limitations and to comply with surface water quality standards and groundwater standards. Beginning on the effective date of this permit, (if needed) interim

measures shall be implemented to prevent discharges of pollutants to navigable waters. In addition, permanent runoff control system(s) shall be designed, operated and maintained in accordance with the requirements found in USDA Natural Resources Conservation Service standards and ch. NR 243, Wis. Adm. Code. If any upgrading or modifications to runoff controls are necessary, formal engineering plans and specifications must be submitted to the Department for approval.

Manure and Process Wastewater Storage

The permit requires the operation to have adequate storage for manure and process wastewater and that storage or containment facilities are designed, operated and maintained to prevent overflows and discharges to waters of the state. In order to prevent overflows, the permittee must maintain levels of materials in liquid storage or containment facilities at or below certain levels including a one foot margin of safety that can never be exceeded. If any upgrading or modifications to the storage facilities are necessary, formal engineering plans and specifications must be submitted to the Department for approval.

The permittee currently has approximately 264 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.

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 3,870 animal units, it is estimated that approximately 37,260,92 of manure and process wastewater will be produced per year. The permittee owns *approximately* 1,380 acres of cropland and rents about 2,806.4. Given the rotation commonly used by the permittee, 4,051.8 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 ; 004- WSF 3; 011- WSF 4 ; 012- 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

- WSF 4 (Sample point 011) was previously a pit at the Dry Cow Facility, but it is now a new pit at the Main Farm
- WSF 5 (Sample point 012) is a new pit at the Main Farm

1.1.2 Explanation of Operation and Management Requirements

Manure must be properly stored and land applied according to the permit and nutrient management plan.

1.2 Sample Point Number: 003- Solid Manure Sources; 008- Settled Solid Manure; 009- 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

Sample Point language has been updated.

1.2.2 Explanation of Operation and Management Requirements

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

1.3 Sample Point Number: 006- Dry Cow Lot; 007- Feed Storage Area; 010- Storm Water Runoff Controls, and 013- Steer Lot

1.3.1 Changes from Previous Permit

Steer Lot (Sample point 013) has been added to more accurately describe the production area.

1.3.2 Explanation of Operation and Management Requirements

Proper operation and maintenance is required to ensure unlawful discharges to waters of the state do not occur. Weekly or quarterly inspections are required and shall be recorded according to the monitoring plan.

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.	12/01/2026

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.	12/01/2026

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.	05/01/2031

2.6 Manure Storage Facility - Engineering Evaluation

This engineering evaluation is for WSF 2 (sample point 002).

Required Action	Due Date
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.)	12/01/2026
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.	12/01/2027
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.	12/01/2028

2.7 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 WSF 2 (Sample Point 002) has been included per s. NR 243.16(2) Wis. Admin. Code; WSF 2 has not been evaluated in 20 years. The evaluation was submitted on 4/28/2026 and is pending department approval.

Attachments

Map(s)

- Facility Map
- Reissuance inspection – 8/20/2025

Plan Approval Letter(s)

- Days of storage review letter – 7/15/2026
- NMP conditional approval letter – 7/20/2026

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: 8/25/2026



September 10, 2025

WPDES Permit # WI-0059226-05-0
Winnebago County

David Sleik
Cross Farms LLC
7547 Green Meadow Rd.
Oshkosh, WI 54904

Subject: Reissuance Inspection 08/20/2025

Dear Mr. Sleik:

On August 20, 2025, the Department of Natural Resources met with the representatives of Cross Farms LLC to conduct a full compliance inspection of your facility. Department observations, including photographs, and a record of our conversations are included in the enclosed report.

The final pages of the report include a summary section identifying areas of concern & action items the farm should continue to monitor.

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,

Makayla Jacobs
Agricultural Runoff Management Specialist

Electronic CC:

Larry Paltzer – Paltzer Agronomy
Chad Casper – Winnebago County
Joe Baeten, DNR

CAFO Compliance Inspection Report



Inspection Date: 8/20/2025

Report Final Date: 9/10/2025

Operation Name: Cross Farms LLC

WPDES Permit #: WI- 0059226-05-0

Farm Address: Main Site: 7022 Cross Rd Winneconne, WI 54986

Dry Cow Facility: 6930 Cross Rd, Winneconne WI

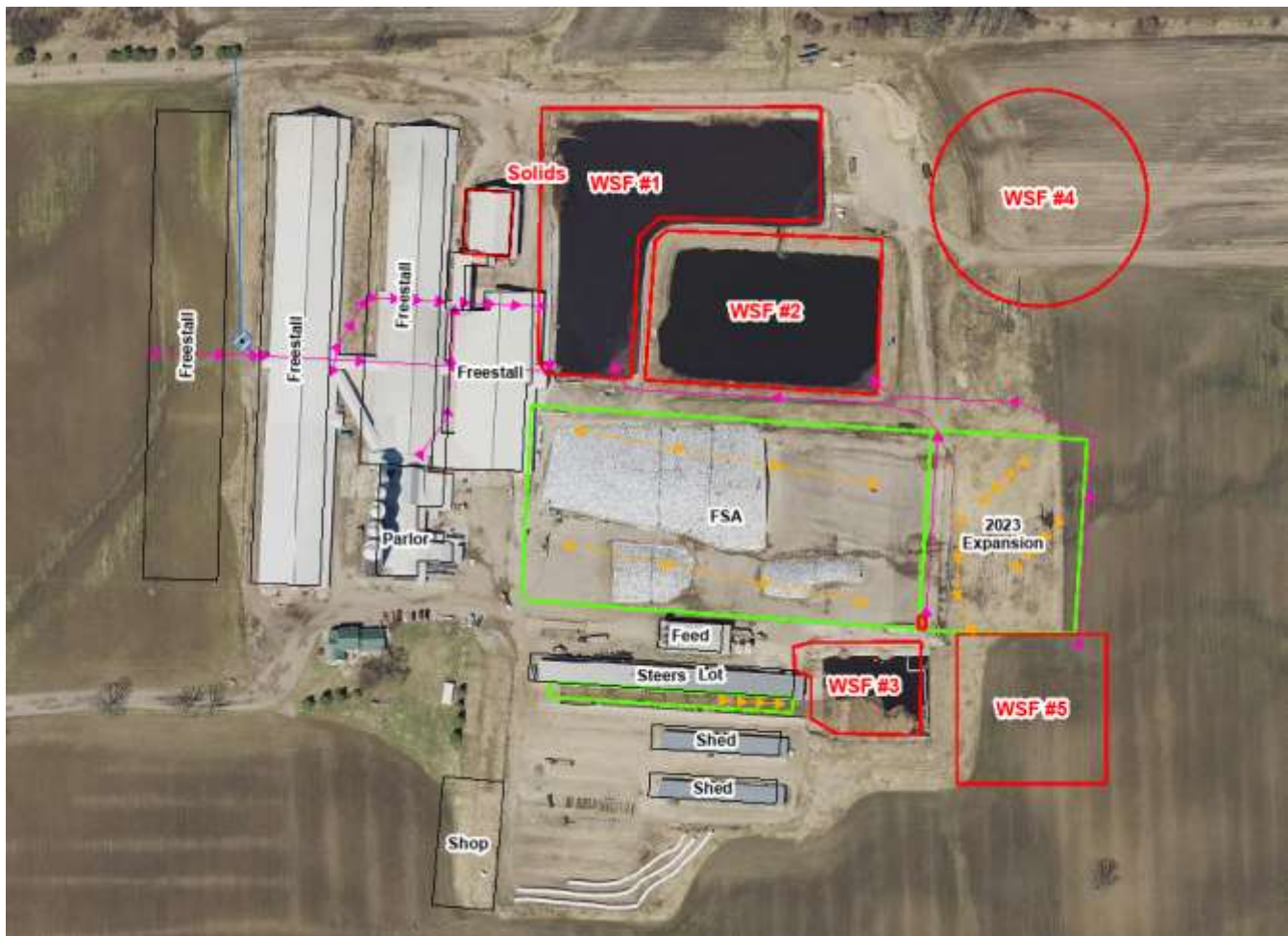
On-Site Representative(s): David Sleik (Owner), Larry Paltzer (Agronomist)

Report Author: Makayla Jacobs, Agricultural Runoff Specialist, WDNR

Introduction

On August 20, 2025, Jacobs met with David Sleik (Owner/Operator) and Larry Paltzer (Agronomist) to conduct a reissuance inspection of Cross Farms LLC. Conditions during the inspection sunny and wet. It rained 1.45 inches on 8/19/2025. Inspections were conducted at all sites currently covered under the WPDES Permit: Main Farm and Dry Cow Facility.

Site Overview Diagram (Main Dairy)



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

There are two feed lots total for this facility.

One concrete feed lot is utilized at the main site on the south side of the FSA. Animals are kept partially under roof. Manure is scraped as needed into the connected concrete waste storage facility (WSF 3). Surface runoff is also directed into WSF 3.

One concrete feed lot is utilized at the dry cow facility. Animals are kept partially under roof. Manure is scraped as needed through the free stall barn into WSF 6. Most of the surface runoff is directed into WSF 6, there is some surface runoff that flows off the southeast side of the lot into a field. Additional curbing may be needed on the southeastern portion of the lot to prevent runoff from discharging off the concrete. There is feed build up on the south side of the lot that is starting to pond with leachate from recent rain events. The farm should continue to conduct weekly monitoring as required by its permit requirements.

The feedlot area at the satellite site currently has indicators of discharges. Please see above.

Calf Hutch Areas

The farm does not utilize calf hutch areas at this time.

Waste Storage Facilities

There are a total of 6 waste storage facilities, five at the Main Farm (WSF 1, 2, 3, 4, and 5) and one at the dry cow facility (WSF 6).

WSF 1 was part of a multi-celled system and served as the sand settling storage. The facility has since closed the overflow channel that connected the two WSFs. WSF 1 is a concrete lined storage located to the north side of the main farm. The facility has a capacity of 6,644,888 gallons and was reconstructed in 2015. This storage accepts manure and process wastewater from the adjacent animal barns and parlor. At the time of inspection, permanent markers were present but safety fencing was not.

WSF 2 was part of a multi-celled system and served as the second cell storage. The facility has since closed the overflow channel that connected the two WSFs. WSF 2 is an earthen lined storage located to the east of WSF 1. The facility has a capacity of 7,342,538 gallons and was constructed in 1996. This storage accepts manure and process wastewater from WSF 4 via a hose, and first flush runoff from the feed storage area. At the time of inspection, permanent markers were present but safety fencing was not. An evaluation on this pit may be required in the next permit term.

WSF 3 is a concrete lined storage located to the south of the feed storage area. The facility has a capacity of 999,354 gallons and was constructed in 2007. This storage accepts manure from the Dry Cow satellite site storage (WSF 4) and adjacent heifer lot. Liquid manure and process wastewater is transferred from WSF 3 to WSF 1. At the time of inspection, permanent markers were present but safety fencing was not.

WSF 4 is a circular pipping concrete storage located east of WSF 1 & 2. The facility has a total maximum operating level volume of 9,135,528 and was constructed in 2024. The storage accepts manure and process wastewater from WSF 1. Manure is pumped from WSF 4 to WSF 2 via an above ground hose.

WSF 5 is a concrete lined storage located southeast of the feed storage area expansion. The facility has a total maximum operating level volume of 2,471,516 and was constructed in 2023. The storage accepts process wastewater from the FSA. When WSF 5 is full it is pumped into WSF 2. At the time of inspection, permanent markers were present but safety fencing was not.

WSF 6 is a concrete lined storage located at the Dry Cow satellite site and is used for temporary daily storage. The facility has a capacity of 60,000 gallons and was constructed in 1999. This storage accepts manure from the adjacent animal lot and barn. Manure from the storage is transferred to WSF 3.

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

Waste from the parlor is stored in WSF 1. Process wastewater sources are managed to not have current or past indicators of discharges.

Animal Mortality Disposal

Animal Mortalities are managed by OJ Kroll and picked up when needed.

Feed Storage Area (FSA) Runoff

All feed is kept at the Main Dairy site, in the middle of the production area. An additional concrete pad was added during the permit term to the east of the existing pad. 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 and on the concrete. Runoff from the old pad flows east and then south into WSF 5. Runoff from the new pad flows west and then flows east into WSF 5.

Ancillary Service Areas

The outdoor vegetated lot used at the dry cow facility has been converted to cropland. Animals no longer have access to this area. Preventative maintenance actions and visual inspections are occurring to minimize pollutant discharges from ancillary service and storage areas.

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.

The permittee has copies of their emergency response and monitoring and inspection plans.

The permittee is up to date on required reporting and actions as specified in the Schedules section of permit.

Photo #:	1
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, outdoor lot

Photo Description:

Standing on the west end of the outdoor lot looking east. View of dry cow facility/outdoor lot.



Photo #:	2
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, outdoor lot

Photo Description:

Standing on the east end of the outdoor lot looking west. View of dry cow facility/ outdoor lot.



Photo #:	3
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the west side of the shed looking east. View of fair animals under roof.



Photo #:	4
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, outdoor lot.

Photo Description:

Standing on the North side of the outdoor lot looking south. View of outdoor lot.



Photo #:	5
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, outdoor lot.

Photo Description:

Standing on the North side of the outdoor lot looking south. View of outdoor lot.



Photo #:	6
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, outdoor lot.

Photo Description:

Standing on the west end of the outdoor lot looking east. View of outdoor lot.



Photo #:	7
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, outdoor lot.

Photo Description:

Standing on the east end of the outdoor lot looking northeast. View of outdoor lot with opening where run off can flow.



Photo #:	8
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, outdoor lot.

Photo Description:

Standing on the east end of the outdoor lot looking east. View of end of concrete lot. Feed build up.



Photo #:	9
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, outdoor lot.

Photo Description:

Standing on the east end of the outdoor lot looking southwest. View of leachate/feed build up that has ran off the lot.



Photo #:	10
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, outdoor lot.

Photo Description:

Standing in the middle of the outdoor lot looking east. View of outdoor lot.



Photo #:	11
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 3.

Photo Description:

Standing on the west end of WSF 3 looking east. View of WSF 3.



Photo #:	12
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 3.

Photo Description:

Standing on the east end looking northwest. View of WSF 3.



Photo #:	13
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 3.

Photo Description:

Standing on the south side of WSF 3 looking north. View of marker and no fencing around the pit.



Photo #:	14
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 5

Photo Description:

Standing on the west end of WSF 5 looking south. View of WSF 5 and no fencing around the pit.



Photo #:	15
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 5

Photo Description:

View of WSF 5, marker.



Photo #:	16
Date of Photo:	
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 5

Photo Description:

Standing on the north side of WSF 5 looking southeast. View of WSF 5.

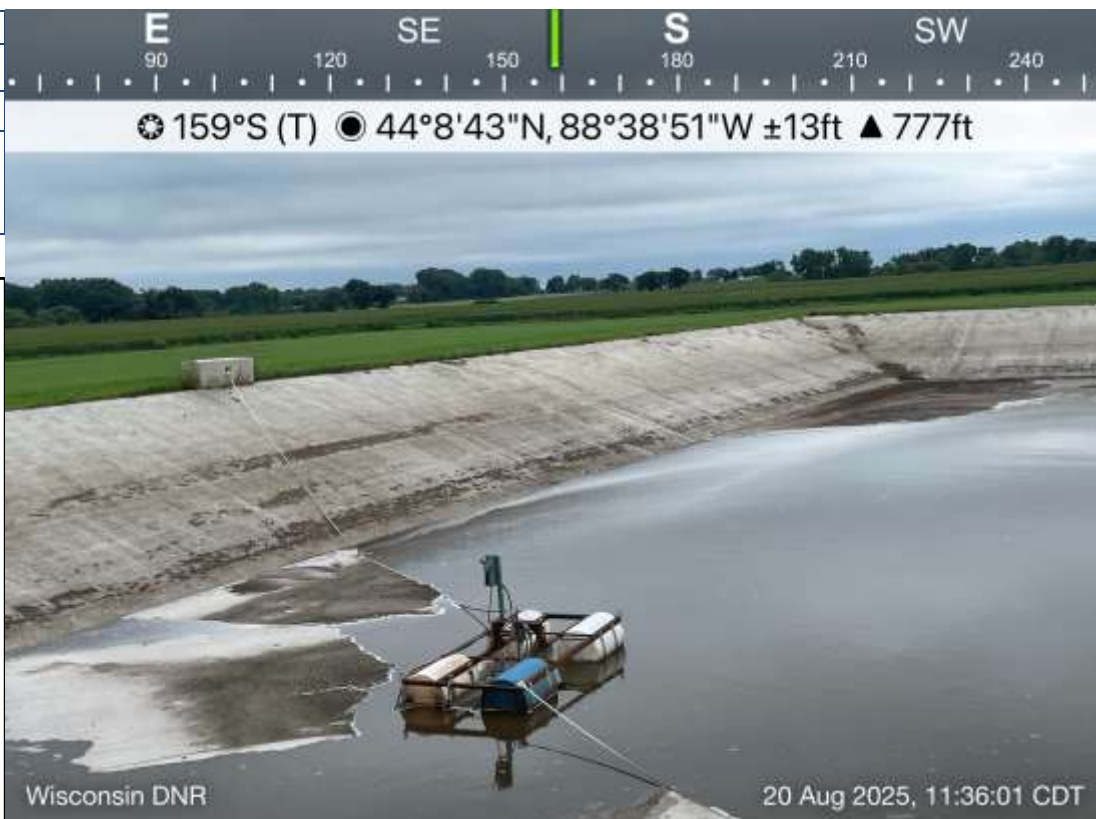


Photo #:	17
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 5

Photo Description:

Standing on the north side of WSF 5 looking southwest. View of WSF 5.



Photo #:	18
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 4.

Photo Description:

Standing on the south side of WSF 4 looking north. View of WSF 4.



Photo #:	19
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 4.

Photo Description:

Standing on the west side of WSF 4 looking southeast. View of access ramp to WSF 4.



Photo #:	20
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 4.

Photo Description:

View of WSF 4, marker.



Photo #:	21
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 4.

Photo Description:

Standing on the southwest side of WSF 4 looking north. View of WSF 4.



Photo #:	22
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 4.

Photo Description:

Standing on the west side of WSF 4 looking east. View of WSF 4.



Photo #:	23
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 4.

Photo Description:

Standing on the west side of WSF 4 looking east. View of WSF 4.



Photo #:	24
Date of Photo:	8/20/2025
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 #:	25
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 2

Photo Description:

Standing on the east side of WSF 2 looking west. View of marker.



Photo #:	26
Date of Photo:	8/20/2025
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 and no fencing.



Photo #:	27
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 2

Photo Description:

Standing on the northeast side of WSF 2 looking southwest. View of WSF 2.



Photo #:	28
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1.

Photo Description:

Standing on the south side of WSF 1 looking North. View of WSF 1.



Photo #:	29
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1

Photo Description:

Standing on the east side of WSF 1 looking west. View of access ramp to WSF 1.



Photo #:	30
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1

Photo Description:

Standing on the east side of WSF 1 looking west. View of WSF 1.



Photo #:	31
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1

Photo Description:

Standing on the northeast side looking west. View of WSF 1 and no fencing around the pit.



Photo #:	32
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1

Photo Description:

Standing on the northeast side of WSF 1 looking south. View of WSF 1.



Photo #:	33
Date of Photo:	8/20/2025
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 #:	34
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1

Photo Description:

Standing on the west side of WSF 1 looking east. View of access ramp in WSF 1.



Photo #:	35
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1

Photo Description:

Standing on the southwest side of WSF 1 looking southeast. View of WSF 1 and marker.



Photo #:	36
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1

Photo Description:

Standing on the southwest side of WSF 1 looking southeast. View of WSF 1.



Photo #:	37
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1

Photo Description:

Standing on the southwest side of WSF 1 looking northeast. View of WSF 1.



Photo #:	38
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, WSF 1

Photo Description:

Standing on the southwest side of WSF 1 looking east. View of WSF 1.



Photo #:	39
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, WSF 6

Photo Description:

Standing on the east side of WSF 6 looking west. View of WSF 6.



Photo #:	40
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, WSF 6

Photo Description:

View of marker in WSF 6.



Photo #:	41
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, WSF 6

Photo Description:

Standing on the south side of WSF 6 looking north. View of access ramp.



Photo #:	42
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite Site, WSF 6

Photo Description:

Standing in the east side of WSF 6 looking northwest. View of WSF 6.



Photo #:	43
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the south southwest side of the FSA looking north. View of FSA.



Photo #:	44
Date of Photo:	8/20/2025
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 #:	45
Date of Photo:	8/20/2025
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 #:	46
Date of Photo:	8/20/2025
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 #:	47
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the east side of the FSA looking southwest. View of FSA.



Photo #:	48
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the east side of the FSA looking west. View of FSA.



Photo #:	49
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the east side of the FSA looking north. View of FSA.



Photo #:	50
Date of Photo:	8/20/2025
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 #:	51
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the east side of the FSA looking west. View of FSA.



Photo #:	52
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the northeast side of the FSA looking west. View of FSA.



Photo #:	53
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the north side of the FSA looking west. View of FSA. Feed is up to the edge of the pad, leachate is flowing west off the pad.



Photo #:	54
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the north side of the FSA looking south. View of FSA.



Photo #:	55
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the north side of the FSA looking southwest. View of FSA.



Photo #:	56
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the north side of the FSA looking west. View of FSA.



Photo #:	57
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the west side of the pad looking east. View of FSA.



Photo #:	58
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy, FSA

Photo Description:

Standing on the west side of the pad looking east. View of FSA.



Photo #:	59
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy



Photo Description:

Standing on the south side of the free stall barn that is furthest east.

Photo #:	60
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Satellite site



Photo Description:

Standing on the north side of the feed lot looking west.

Photo #:	61
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Manure Hauling Records

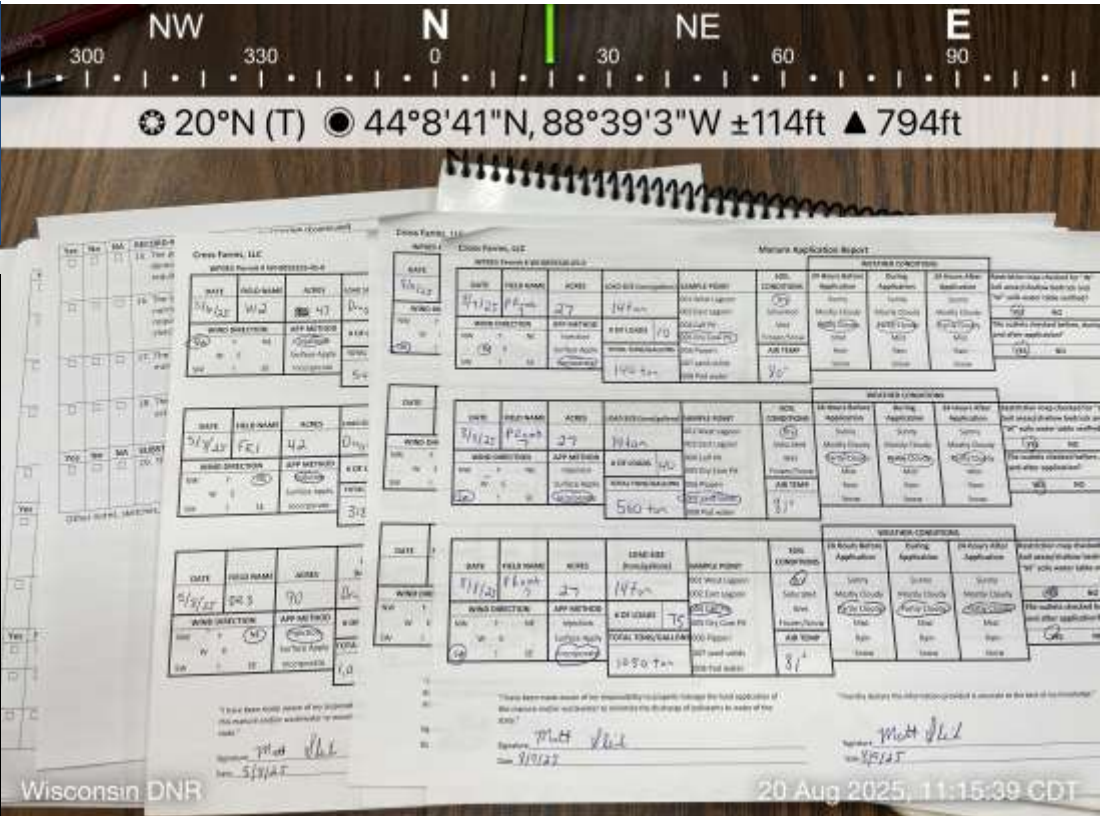


Photo #:	62
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Weekly and Quarterly Records.

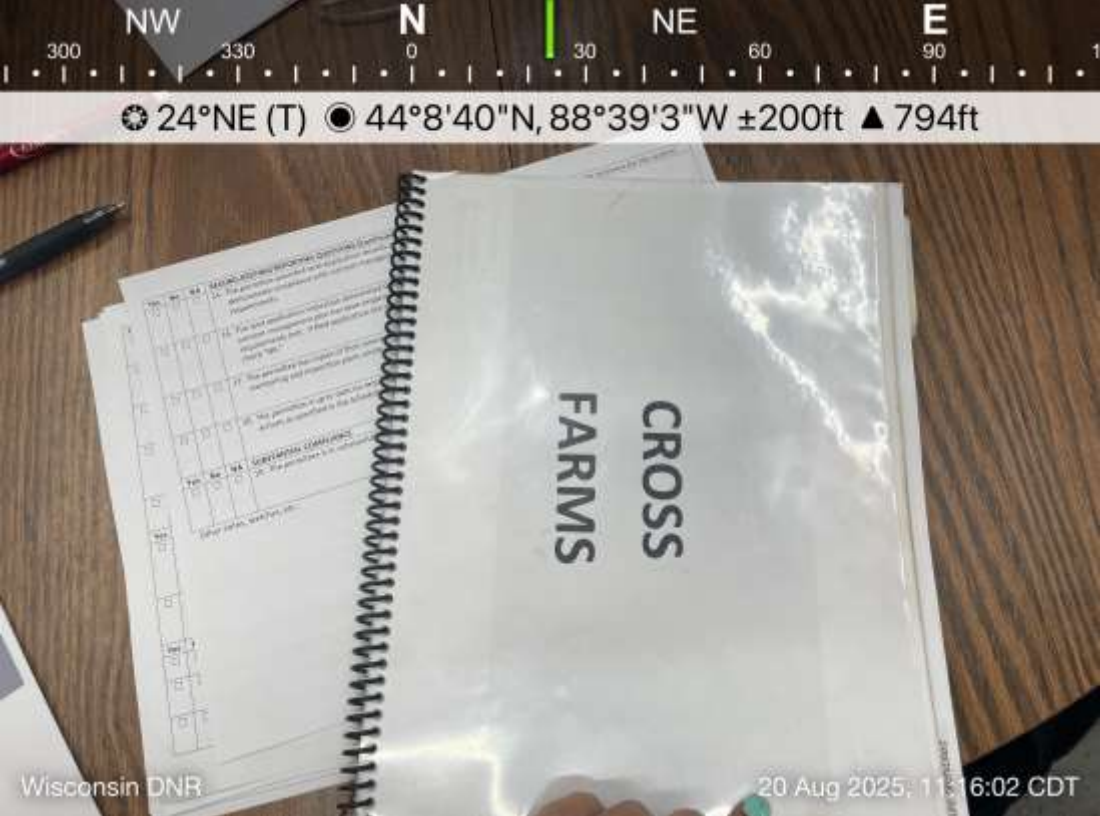


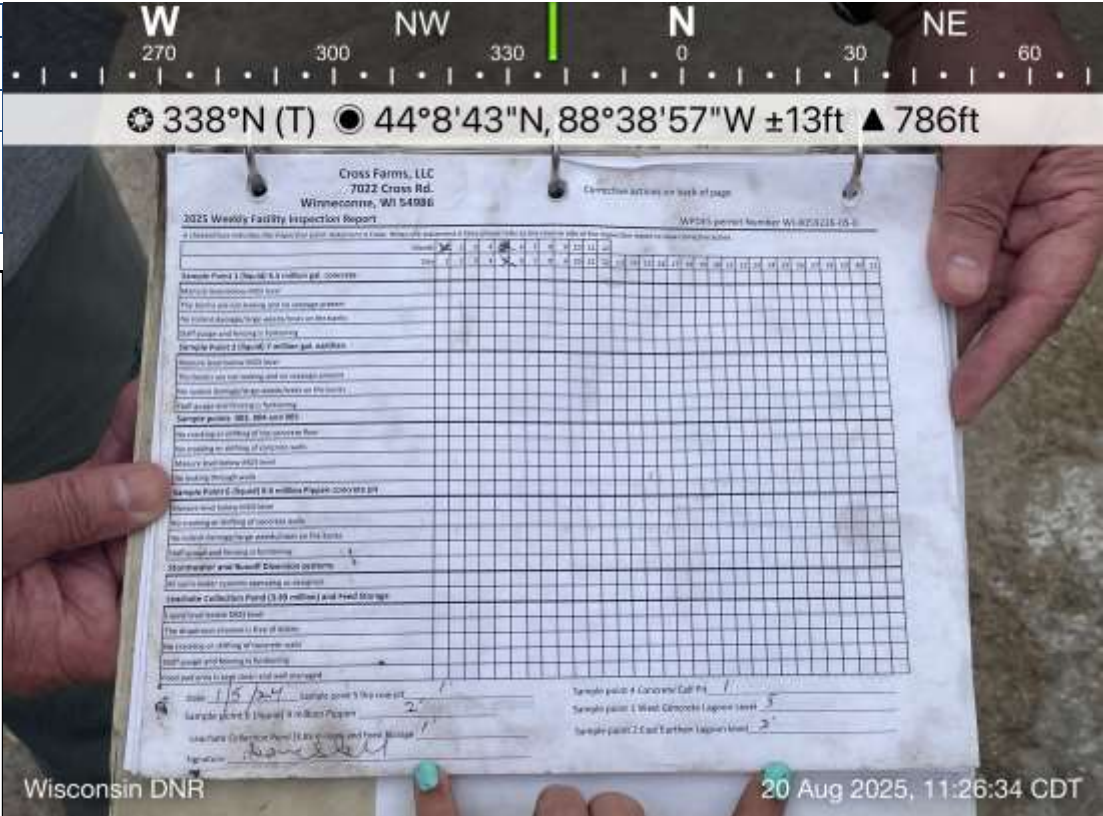
Photo #:	63
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:
Daily waterline checks



Photo #:	64
Date of Photo:	8/20/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:
Weekly Pit measurements



SUMMARY:

Substantial Compliance

The permittee is in substantial compliance with the permit

Areas of Concern

- There is no fencing around the majority of the waste storage facilities
- The feedlot at the satellite site has potential for discharges because the lot has openings on the south eastern side where runoff can discharge right onto the ground and into a field.
- The feedlot at the satellite site had feed build up on the southern side which was causing leachate to form and pool with rain events.

Action Items

- Submit documentation to the department by 12/1/2025 of fencing installed around the WSFs.
- Submit documentation to the department by 10/1/2025 of clean up at the satellite site along the south edge of the lot where the feed was building up.
- Submit documentation to the department by 12/1/2025, of runoff controls installed along the southeast edge of the feed lot at the satellite site to stop run off from flowing off site.
- Submit documentation to the department by 12/1/2025 of runoff controls installed along the southern side where the gate is at the satellite site feed lot.
- Submit Reissuance application by 4/1/2026

Potential schedule items in next permit

- An evaluation on WSF 2 may be required

Materials Required as part of the Permit Application

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)
- 3400-025G form (Evaluated Facilities of Systems 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 irrigation systems and any other landspreading or treatment systems (proposed or active)
- Plans and specifications for any proposed facilities
- ENVIRONMENTAL ANALYSIS QUESTIONNAIRE for Concentrated Animal Feeding Operations
(Screening questions will determine if entire questionnaire needs to be completed)



July 20th, 2026

Winnebago County
Approval

David Sleik
Cross Farms LLC
7547 Green Meadow Rd
Oshkosh, WI 54904

SUBJECT: Conditional Approval of Cross Farms LLC Nutrient Management Plan, WPDES Permit
No. 0059226-06-0

Dear David Sleik:

After completing a review of Cross Farms 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 Cross Farms 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 3,870 animal units (2,590 milking & dry cows, 150 heifers, 75 steers and 20 calves). A planned herd size of 4,779 animal units (3,200 milking & dry cows, 200 heifers, 75 steers and 20 calves) by 2030.
2. Manure generation and spreading records indicate your herd will annually generate approximately 37,260,920 gallons of manure and process wastewater and 19,930 tons of solid manure in the first year of the permit term. Once full expansion has been reached in 2030, it is estimated the herd will annually generate approximately 43,192,170 gallons of manure and process wastewater and 21,833 tons of solid manure in the first year of the permit term.
3. The use of application restriction options 1, 2 & 5 within surface water quality management areas.
4. The use of phosphorus delivery method P Index.
5. That Cross Farms LLC currently has 4,186.4 acres (1,380 owned and 2,806.4 controlled through contracts, rental agreements or leases, or under manure agreements) of which 4,051.8 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 Cross Farms 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:
 - P-Romb-1 (default soil test)

If Cross Farms 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 $\text{NH}_4\text{-N}$, percent $\text{NO}_3\text{-N}$, phosphorus, potassium, and sulfur.
5. If manure sample results have a dry matter (DM) content less than 2.0% and the percent ammonium (NH_4^+) is greater than 75% of the total N, CROSS FARMS 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. Cross Farms LLC shall record daily manure applications by using form 'Cross Farm LLC Manure Application Report'. These forms shall be retained at the farm and provided to the department upon request.
7. Cross Farms 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 'CAFO Annual Spreading Reports' generated by Snap Plus.

WINTER SPREADING

8. Liquid manure applications during winter conditions, as defined by NR 243.14(7), Wis. Adm. Code, are prohibited with the exception of emergency applications.
9. The following field(s) are approved for winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:
 - MF 13-14
 - DAM 1
 - RZ 6

- FR 4

- J1 Combined

- MF 9

10. Winter spreading of solid and liquid manure may not occur during the “high risk runoff period” pursuant to s. NR 243.14(6)(c) and NR 243.14(7)(c), respectively.
11. Winter applications of liquid manure shall only occur under emergency situations, after notifying the Department and receiving verbal approval.
12. Liquid applications shall be limited to 3,500 gallons per acre or 30 lbs. P per acre, whichever is less, on slopes 2-6% and 7,000 gallons per acre or 60 lbs. P per acre, whichever is less, on slopes 0-2%. Winter applications of solid manure shall be limited to 60 lbs. P per acre.

HEADLAND STACKING

13. No headland stacking sites are approved.

MANURE & PROCESS WASTEWATER IRRIGATION

14. Irrigation of manure or process wastewater is prohibited.

SUBMITAL AND RECORDKEEPING REQUIREMENTS

15. A copy of this conditional approval shall be included in all future annual Nutrient Management Plan Updates in addition to the NR 243 and NRCS 590 checklists.
16. The farm is required to take a minimum number of manures samples to meet permit requirements as follows:
 - Solid Manure: One solid sample per source on a quarterly basis when hauling occurs.
 - Liquid Manure: Two liquid samples per source on a monthly basis when hauling occurs.

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

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

If you have any questions regarding this approval I can be reached at 608-212-8460 or Ashley.Scheel@Wisconsin.gov.

Sincerely,



Ashley Scheel, CCA

WDNR Nutrient Management Plan Reviewer
Wisconsin Department of Natural Resources

CC:

Makayla Jacobs, WDNR Agricultural Runoff Management Specialist (makayla.jacobs@wisconsin.gov)
Erin Hanson, WDNR Watershed Field Supervisor (erin.hanson@wisconsin.gov)
Joe Baeten, WDNR Agricultural Runoff Section Manager (joseph.baeten@wisconsin.gov)
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator (aaron.orourke@wisconsin.gov)
Falon French, WDNR Intake Specialist (falon.french@wisconsin.gov)
Tony Salituro, WDNR CAFO Engineer (anthony.salituro@Wisconsin.gov)
Chad Casper, Winnebago County (ccasper@winnebagoountywi.gov)
Larry Paltzer, Paltzer Agronomy Service (paltzeragronomy@gmail.com)
Brand Robaidek, Robert E. Lee & Associates (brobaidek@releeinc.com)
File



July 15, 2026

FILE REF: R-2026-0075
 WPDES Permit #: WI-0059226

David Sleik
 Cross Farms LLC
 7547 Green Meadow Rd
 Oshkosh, WI 54904

Subject: Days of Storage Review for Cross Farms LLC, NW¼ of T19N, R15E, Section 01 in Winneconne Township, Winnebago County – NO ADDITIONAL ACTION REQUIRED

Dear Mr. Sleik:

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 Bradon Robaidek, Robert E Lee and Associates on April 1, 2026 with revisions received on July 13, 2026 on behalf of Cross Farms 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 Cross Farms LLC has 264 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 3,870. 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 25yr - 24hr storm, is captured in a runoff storage. Storages with a remaining waste of 0 have ramps and sumps to fully empty the storage.

Waste Storage	Total Vol. from Settled Top to Bottom	Remaining Waste	25yr, 24hr Precip. on Storage	25yr, 24hr Collected Runoff	Freeboard Vol.	Max. Operating Level (MOL) Vol.
WSF1	8,601,476	0	307,101	0	951,837	7,342,538
WSF2	7,815,650	355,053	218,917	0	596,792	6,644,888
WSF3	1,266,764	0	73,435	0	193,975	999,354
WSF4	10,010,843	0	235,663	0	639,652	9,135,528
RCF	4,270,371	162,466	142,208	807,088	378,225	2,780,384
Total MOL Vol:						26,902,692
Days of Storage:						264

Liquids Collected/Stored	Annual Gallons
Manure and Bedding	26,628,392
Feed Storage Leachate	372,287
Feed Storage Runoff Collected	5,762,687
Net Precipitation on Storage Surfaces	4,497,554
TOTAL:	37,260,920

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

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision, you should know that the Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to WIS. STAT. §§ 227.52 and 227.53, you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review must name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to WIS. STAT. § 227.42, you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. All requests for contested case hearings must be made in accordance with WIS. ADMIN. CODE § NR 2.05(5), and served on the Secretary in accordance with WIS. ADMIN. CODE § NR 2.03. The filing of a request for a contested case hearing does not extend the 30-day period for filing a petition for judicial review.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES



Tony Salituro
CAFO Review Engineer
Watershed Management Program

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