Permit Fact Sheet

General Information

Permit Number	WI-0066991-02-0
Permittee Name and Address	Paiser Family Dairy LLC 51 Highview Road, Gresham, WI 54128
Permitted Facility Name and Address	Paiser Family Dairy LLC W9388 Butternut Road Shawano, WI 54166 ; S ½ of NE ¼ Section 6, T27N, R15E
Permit Term	October 01, 2026 to September 30, 2031
Receiving Water	Red River & Unnamed tributaries to the Red River within the Red River Watershed, and groundwaters of the state
Discharge Type	Existing source CAFO per NR 243.03(23) as the facility has been permitted since 2021.

Animal Units					
	Current AU		**Proposed AU** **(Note: If all zeroes, expansions are not expected during permit term)**		
Animal Type	**Mixed**	**Individual**	**Mixed**	**Individual**	**Date of Proposed Expansion**
Dairy Calves (under 400 lbs.)	25	0	0	0	
Milking and Dry Cows	980	1001	0	0	
Heifers (400 lbs. to 800 lbs.)	111	185	0	0	
Heifers (800 lbs. to 1200 lbs.)	209	190	0	0	
Total	1325	1001	0	0	

Facility Description

Brief Facility Description Paiser Family Dairy LLC is an existing Concentrated Animal Feeding Operation (CAFO). Paiser Family Dairy LLC is owned and operated by members of the Paiser family. It currently has 1,325 animal units and is not proposing to expand during the permit term. Based on current herd size, Paiser Family Dairy LLC has approximately 188 days of available liquid waste storage and generates approximately 11,286,489 gallons of manure and process wastewater annually. Paiser Family Dairy LLC has a total of 2,118 acres available for land application of manure and process wastewater. Of this acreage, 715 acres are owned and 1,404 acres are controlled through contracts, rental agreements, leases, or manure agreements. Of this acreage, 2,107 are considered spreadable acres. The Kroenke Farm site has been removed from the permit as all reviewable facilities located at the site were abandoned during the previous permit term.

Substantial Compliance Determination

After a desk top review of annual reports, nutrient management plan updates, compliance schedule items, and a site visit on October 16, 2025, this facility has been found to be in substantial compliance with their current 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	Sample point 001 is for liquid waste storage tank #1 (WSF #1). WSF #1 is a reinforced concrete structure located to the north of the existing freestall barns & west of the feed storage area. This facility has a total volume of 2.8 million gallons and a maximum operating level capacity of 2.3 million gallons. This storage accepts manure and process wastewater from the existing freestall barns and parlor. This facility was constructed in 2012 and last evaluated in 2025.	
002	Sample point 002 is for liquid waste storage tank #2 (WSF #2). WSF #2 is a reinforced concrete structure located to the north of WSF #1. This facility has a total volume of 4.1 million gallons and a maximum operating level capacity of 3.5 million gallons. This storage accepts manure from the west freestall barn & process wastewater & runoff from the feed storage area. This facility was constructed in 2021 and has not been evaluated since time of construction.	
003	Sample point 003 is for manure solids removed from the bottom of all liquid waste storage facilities. This includes manure-laden sand solids, manure fiber solids, etc. Representative samples shall be taken from each waste storage facility.	
004	Sample point 004 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 bedpack, heifer bedpack, etc. Representative samples shall be taken for each manure source type.	
005	Sample point 005 is for visual monitoring and inspection of the feed storage areas and associated runoff control systems located at the main dairy. The main feed storage area is a set of bunkers located east of WSF #1 that was last expanded in 2025 and is approximately 1.8 acres in area. Proper operation and maintenance of this area is required to ensure discharges meet permit requirements. Weekly inspections will be required and shall be recorded according to monitoring program. The main feed storage area was last evaluated in 2025 and met permit requirements.	
007	Sample point 007 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.	
008	Sample point 008 is for solid manure land applied from approved headland stacking sites. Representative samples must be taken prior to land application. Stacks are defined as part of the production area and therefore subject to the production area discharge limitations of this permit. Weekly inspections of stack	

Sample Point Designation For Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
	runoff controls 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 188 days of storage for liquid manure. The permittee must maintain 180 days of storage, unless temporary reductions in required storage are approved by the Department.

Solid Manure Stacking

The operation has proposed to stack solid manure. All stacking of solid manure shall be done in accordance ch. NR 243, Wis. Adm. Code, which includes restrictions from NRCS Standard 313. Stacking of manure is considered to be part of the production area and is subject to the Production Area Discharge Limitations.

Ancillary Service and Storage Areas

The permittee shall take preventative maintenance actions and conduct visual inspections to minimize pollutant discharges from areas of the operation that are not part of the production area or land application areas. These areas are called ancillary service and storage areas and include access roads, shipping and receiving areas, maintenance areas, refuse piles and CAFO outdoor vegetated areas.

Nutrient Management

With 1,325 Animal Units (700 milking & dry cows, 375 heifers, and 125 calves) , it is estimated that approximately 11,286,488 gallons of manure & process wastewater and 285 tons of solid manure of manure and process wastewater will be produced per year. The permittee owns *approximately* 715 acres of cropland and 1,404 are controlled through contracts, rental agreements, leases, or manure agreements. Given the rotation commonly used by the permittee, 2,107 acres are available (or open) to receive manure and process wastewater on an annual basis. The permit requires all landspreading of manure and process wastewater be completed in accordance with an approved nutrient management plan. The permit will require sampling and analysis of manure and process wastewater that will be landspread. Landspreading rates must be adjusted based on sample analysis. The permit requires the permittee to maintain a daily log that documents landspreading activities. The permit also requires the submittal of an annual report that summarizes all landspreading activities. Plans must be updated annually to reflect cropping plans and other operational changes. Among the requirements, the plans must include detailed landspreading information including field by field nutrient budgets.

The permittee is required to implement a number or practices to address potential water quality impacts associated with the land application of manure and process wastewater. Among the permit conditions are restrictions on manure ponding, restrictions on runoff of manure and process wastewater from cropped fields, and setbacks from wells and direct conduits to groundwater (e.g., sinkholes, fractured bedrock at the surface). In addition, the permittee must implement a phosphorus based nutrient management plan that addresses phosphorus delivery to surface waters by basing manure and process wastewater applications on soil test phosphorus levels or the Wisconsin Phosphorus index. Additional phosphorus application restrictions apply to fields that are high in soil test phosphorus (>100 ppm).

The permittee must also implement conservation practices when applying manure near navigable waters and their conduits, referred to as the Surface Water Quality Management Area (SWQMA). These practices include a 100-foot setback from navigable waters and their conduits, a 35-foot vegetated buffer adjacent to the navigable water or conduit, or a practice that provides equivalent pollutant reductions equivalent to or better than the 100-foot setback.

In addition, the permittee must comply with restrictions on land application of manure and process wastewater on frozen or snow-covered ground. Included in these restrictions is a prohibition on surface applications of solid manure ($\geq$12% solids) on frozen or snow-covered ground during February and March. Non-emergency surface applications of liquid manure (<12%) on frozen or snow-covered ground are prohibited.

Monitoring and Sampling Requirements

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

Sampling Points

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

1.1 Sample Point Number: 001- WSF #1; 002- WSF #2 - Pipping

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

1.1.1 Changes from Previous Permit

Sample points are the same as previous permit, but sample point language was updated to more accurately describe the sample point.

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: 003- WSF Solids Removal; 004- Miscellaneous Solid Manure , and 008- Headland Stacking Sites

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
Nitrogen, Total		lbs/ton	Quarterly	Grab	
Nitrogen, Available		lbs/ton	Quarterly	Calculated	
Phosphorus, Total		lbs/ton	Quarterly	Grab	
Phosphorus, Available		lbs/ton	Quarterly	Calculated	
Solids, Total		Percent	Quarterly	Grab	

1.2.1 Changes from Previous Permit

No changes from previous permit.

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: 005- Feed Storage Area and 007- Stormwater Runoff

1.3.1 Changes from Previous Permit

Sample point 006 was removed from the permit. All outdoor lots were abandoned during the previous permit term.

Sample point 005 & 007 have not changed, but sample point language was updated to more accurately describe the sample point.

1.3.2 Explanation of Operation and Management Requirements

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

2 Schedules

2.1 Emergency Response Plan

Required Action	Due Date
Develop Emergency Response Plan: Update the written Emergency Response Plan within 30 days of permit coverage, and submit to the Department.	10/31/2026

2.2 Explanation of Schedules

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

2.3 Monitoring & Inspection Program

Required Action	Due Date
Proposed Monitoring and Inspection Program: Consistent with the Monitoring and Sampling Requirements subsection, the permittee shall submit a proposed monitoring and inspection program within 30 days of the effective date of this permit.	11/30/2026

2.4 Explanation of Schedules

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

2.5 Annual Reports

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

Required Action	Due Date
Submit Annual Report #1: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2027

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

2.6 Explanation of Schedules

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

2.7 Nutrient Management Plan

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

Required Action	Due Date
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.	

2.8 Explanation of Schedules

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

2.9 Waste Transfer System - Engineering Evaluation

Applicable to Waste Transfer System #1, also known as the supertank. See 11/25/2025 Further Action Required letter (R-2021-0252) for further details.

Required Action	Due Date
Written Report: Submit a written report evaluating the existing Waste Transfer System'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.)	12/31/2026
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 Waste Transfer System conditions.	03/31/2028
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.	12/31/2028

2.10 Explanation of Schedules

Engineering evaluation of waste transfer system #1 has been included per s. NR 243.16(2) Wis. Admin. Code. A previous engineering evaluation of the facility indicated that further actions were required. These actions are outlined in 11/20/2025 letter, File Ref: R-2021-0252.

2.11 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	04/01/2031

2.12 Explanation of Schedules

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

Other Comments

None

Attachments

Nutrient Management Plan Conditional Approval – July 9, 2026

Days of Storage No Further Actions Letter – June 16, 2026

Evaluation Review Further Action Required Letter (R-2021-0252) – November 20, 2025

Compliance Inspection Report – October 30, 2025

Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit reissuance

Prepared By: Brian Hanson Wastewater Specialist Date: 7/22/2026

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

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

July 9, 2026

Shawano County
Approval

Trevor Paiser
Paiser Family Dairy LLC
W9388 Butternut Road
Shawano, WI 54166

SUBJECT: Conditional Approval of Paiser Family Dairy LLC Nutrient Management Plan, WPDES Permit No. 0066991-02-0

Dear Darin Strauss:

After completing a review of Paiser Family Dairy LLC 2026-2030 Nutrient Management Plan (NMP) the Wisconsin Department of Natural Resources (Department) is providing conditional approval that it is consistent with Nutrient Management Requirements in s. NR 243, Wis. Adm. Code. This part of your WPDES permit application is now ready for the public notice and comment process as required by Ch. 283 Stats.

Before applying manure onto approved fields each season, the Department recommends Highland Crossing Dairy, LLC review the NMP with those individuals involved with manure applications to ensure all remain familiar with the approved manure spreading protocol, spreading maps, field and map verification, record keeping requirements, and all the conditions of this approval.

FINDINGS OF FACT

The Department confirms that:

1. A current dairy herd size of 1,325 animal units (700 milking & dry cows, 375 heifers, and 125 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 11,286,488 gallons of manure and process wastewater and 285 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 Paiser Family Dairy LLC currently has 2,118 acres (715 owned and 1,404 controlled through contracts, rental agreements or leases, or under manure agreements) of which 2,107 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 Paiser Family Dairy LLC Nutrient Management Plan subject to the following conditions and the applicable requirements of Ch. NR 243, Wis. Adm. Code:

FIELD AND MANURE MANAGEMENT

1. Fields not included in the NMP and new fields shall not receive manure or process wastewater applications until they have been properly soil sampled, entered into Snap Plus, evaluated for their nutrient needs, and approved by the Department.

2. 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 NH_4-N, percent NO_3-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, PAISER FAMILY DAIRY LLC may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

5. Paiser Family Dairy LLC shall record daily manure applications by using form "Paiser Family Dairy Daily Manure Application Log". These forms shall be retained at the farm and provided to the department upon request.

6. Paiser Family Dairy LLC shall annually submit a spreading report that summarizes the land application activities listed under NR 243.19(3)(c)5., Wis. Adm. Code by using form 3200-123.

WINTER SPREADING

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 winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:

- Bauman	- Dahlie 3	- Ejnik 6
- Spring Valley	- Joe Brunner	- Ejnik 1
- Ejnik 5	- Trevor Home	- Glock East
- Ejnik 3	- G1	- W 1-3
- Glock West	- Ejnik 7	- G2
- W5	- Tonys	- G3
- W6	- Dahlie 1	- Chicks Front
- Home	- Buettner	-

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. The following headland stacking sites are approved for use with >32% solids only during February and March. These sites are subject to the outlined use guidelines referenced below.
    - Sites may only be used for 1 year out of every 2 years.
    - Stacking site area may not exceed ≤40,000 cubic feet.
    - Stacking interval not to exceed 8 months.
    - No manure less than 32% solids can be stacked.

- Trevor Home Site 1
- Trevor Home Site 2
- Trevor Home Site 3
- Ejnik 1 Site 1
- Ejnik 1 Site 2
- Ejnik 4 Site 1
- Ejnik 6 Site 1

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 locate permits, zoning and regulatory requirements.

If you have any questions regarding this approval I can be reached at 715-214-5503 or Aaron.Orourke@Wisconsin.gov.

Sincerely,

Aaron O'Rourke
WDNR Nutrient Management Program Coordinator
Wisconsin Department of Natural Resources

CC:

Brian Hanson, WDNR Agricultural Runoff Specialist (brian.hanson@Wisconsin.gov)
Erin Hanson, WDNR Watershed Field Supervisor (erinn.hanson@Wisconsin.gov)
Joe Baeten, Section Chief-Ag Runoff Management Section (Joseph.Baeten@Wisconsin.gov)
Falon French, WDNR Intake Specialist (falon.french@wisconsin.gov)
Ashley Scheel, WDNR NMP Reviewer (Ashley.Scheel@Wisconsin.gov)
Scott Frank, Shawano County (Scott.Frank@shawanocountywi.gov)
Kevin Beckard, AgSource Labs (Kevin.Beckard@Agsource.com)
File

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

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

June 16, 2026

FILE REF: R-2026-0066
WPDES Permit #: WI-0066991

Trevor Paiser
Paiser Family Dairy LLC
51 Highview Road
Gresham, WI 54128

Subject: Days of Storage Review for Paiser Family Dairy LLC T27N, R15E, Section 06 in Richmond Township, Shawano County – NO ADDITIONAL ACTION REQUIRED

Dear Trevor Paiser:

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 Erik Lietz, Oakridge Engineering, Inc. on April 1, 2026 on behalf of Paiser Family Dairy LLC.

The Department reviewed the submitted calculations in accordance with ss. NR 243.14(9) and NR 243.15(3)(i) to (k), Wis. Adm. Code. Under s. NR 243.17(3)(c), Wis. Adm. Code, the permittee shall demonstrate compliance with the 180-day design storage capacity requirement at specified times. For the following liquid manure storage calculations, the Department has determined **no additional actions** on your part are required.

Days of Available Liquid Waste Storage: The submitted information states that Paiser Family Dairy LLC has 188 days of liquid waste storage based on the volumes listed in the table below with respect to s. NR 243.15(3)(i) to (k), Wis. Adm. Code. The current number of animal units provided for the calculation is 1,325. 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 from the farm's feed storage areas.

Waste Storage	Total Vol. from Settled Top to Bottom	-Solids Storage	-25-yr, 24-hr Precip. on Storage	25-yr, 24-hr Collected Runoff	Freeboard Vol.	Max. Operating Level (MOL) Vol.
#1	2,805,000		98,175	98,188	280,500	2,328,137
#2	4,061,186		118,436	118,452	338,388	3,485,910
					Total MOL Vol:	5,814,047
					Days of Storage:	**188**

Liquids Collected/Stored	Annual Gallons
Manure and Bedding	7,860,246
Parlor Wastewater	1,241,000
Feed Storage Leachate	50,490
Feed Storage Runoff Collected	1,081,474
Net Precipitation on Storage Surface(s)	1,053,279
TOTAL:	**11,286,489**

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

NOTICE OF APPEAL RIGHTS

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

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

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

Tabby Feller
CAFO Review Engineer
Watershed Management Program

Email:
Trevor Paiser; Paiser Family Dairy LLC
(715) 853-7176; paiser.trevor@icloud.com

Erik Lietz; Oakridge Engineering, Inc.
(715) 926-1110; erik@oakridgeeng.com

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

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

Scott Frank; Shawano County
(715) 526-4820; scott.frank@shawanocountywi.gov

Brian Hanson; DNR-Northeast Region
(920) 366-3302; brian.hanson@wisconsin.gov

Erin Hanson; DNR-Northeast Region
(920) 360-7845; erine.hanson@wisconsin.gov

Tabatha A Davis; DNR-Central Office
(608) 712-2324; tabatha.davis@wisconsin.gov

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

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

November 20, 2025

FILE REF: R-2021-0252
WPDES Permit #: WI-0066991

Trevor Paiser
Paiser Family Dairy LLC
51 Highway Road
Gresham, WI 54128

Subject: Evaluation Review for Paiser Family Dairy LLC Sec 06, T27N, R15E in Richmond Township, Shawano County – FURTHER ACTION REQUIRED

Dear Mr. Paiser:

This letter is to inform you that the Department received on December 30, 2021 the evaluation for the Waste Storage Facility, Waste Transfer Systems, Feed Storage Areas, and Outdoor Lots, submitted under certification by Erik Lietz, P.E., Oakridge Engineering on behalf of Paiser Family Dairy LLC. This evaluation was submitted in its entirety as required in the Department's Further Actions Are Required letter dated July 19, 2021 for DNR project number R-2021-0009.

Evaluated Facilities: The evaluation included the following reviewable facilities:

Main Farm	**Trevor Farm**
1. Waste Storage Facility 1	5. Outdoor Lots and Feed Storage Area
2. Waste Transfer Systems 1 – 6	
3. Feed Storage Areas 1 – 6	
4. Outdoor Lots 1 – 3	

The Engineer evaluated the above referenced reviewable facilities based on applicable NRCS Standards and ch. NR 243 Wis. Adm. Code. The engineering report below summarizes the evaluation's findings, lists standards that apply, and provides a compliance analysis.

The Department reviewed the evaluation and agreed with the Engineer's conclusion that the reviewable facilities 3 – 5 required additional actions to meet ch. NR 243, Wis. Adm. Code requirements at the time of the submittal. The required actions have been completed to address the further actions at the time of review and are detailed in the engineering letter below.

The Department reviewed the evaluation and agreed with the engineers conclusion that reviewable facility 1 currently meet ch. NR 243, Wis. Adm. Code requirements, but require continued monitoring and inspection. The Department also requests the following action be completed for reviewable facility 2.

Required Actions: The following actions are required in accordance with s. NR 243.16(3), Wis. Adm. Code based on the Department's review of the submitted evaluation:

- Continue routine observations of WSF1 for evidence of manure leaving through the visible crack in the concrete. If manure is leaking through the crack, submit plans and specifications to repair the crack through the Department's ePermitting system.
- Empty WT1 to document if any clean water is intruding into the concrete reception tank, indicating that a leak is present in the tank system. Document the findings in a revised evaluation submittal for WT1. Include any proposed actions to correct leaks if clean water intrusion is found.

Submittal due dates are contained in your WPDES permit Schedules section(s). The DNR CAFO Specialist will contact you to discuss next steps. Questions concerning permit requirements should be directed to the DNR CAFO Specialist. Questions concerning the review may be directed to the review engineer Tony Salituro (contact information is at the end of this letter).

NOTICE OF APPEAL RIGHTS

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

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

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

Bernie Michaud

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

Email:
Trevor Paiser; Paiser Family Dairy LLC
(715) 853-7176; paiser.trevor@icloud.com

Erik Lietz; Oakridge Engineering, Inc.
715-926-1110; erik@oakridgeeng.com

Scott Frank; Shawano County
715-526-4820; scott.frank@co.shawano.wi.us

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

Brian Hanson; DNR-Northeast Region
(920) 366-3302; brian.hanson@wisconsin.gov

Joe B Baeten; DNR-Northeast Region
(920) 366-2072; Joseph.Baeten@wisconsin.gov

Anthony Salituro; DNR-Central Office
(608) 444-2869; anthony.salituro@wisconsin.gov

WISCONSIN DEPARTMENT OF NATURAL RESOURCES ENGINEERING REPORT

GENERAL INFORMATION

Farm Name: Paiser Family Dairy LLC	**WPDES Permit#:** WI-0066991
Location Address: 51 Highway Road, Gresham, WI 54128	**DNR Project #:** R-2021-0252
Engineering Certification by: Erik Lietz, P.E.	

Evaluated Facilities:

Waste Storage Facility 1: The waste storage is a 150 ft x 250 ft x 9.7 ft deep, vertical wall concrete storage pond that was constructed in 2012. It has 10-inch-thick walls and a 5-inch-thick floor with Sikaswell used between the walls and floor. The bottom elevation is 880.0 ft and the MOL elevation is 887.6 ft. The storage has an approximately total and MOL volume of 2,805,000 gallons and 2,427,961 gallons respectively. MOL markers are installed on the east tank wall near the access.

Three test pit summaries were provided in the post construction documentation. The primary subsoil encountered are listed as SP (poorly graded sands). Regional groundwater was encountered in all three test pits, with the highest elevation encountered at an elevation of 877.0 ft. The separation from saturation for the WSF meets the minimum requirement of 2 ft for a concrete with waterstop liner in NRCS 313 (12/05).

The evaluation states, "during the walkover, WSF #1 was empty. WSF #1 was in good operating conditions. There was a crack in the concrete wall on the west side that will require continued observation." Photos of the concrete crack was provided running down the west wall. No manure was leaving through the crack at the time of the photo. The tank exterior walls are not backfilled and if manure is leaking through the wall it can be easily observed. The crack will continue to be monitored and if the crack worsens, Oakridge Engineering will be contacted to correct the crack.

- Assessment References: NRCS Standard 313 (12/05) and s. NR 243.15(3), Wis. Adm. Code.
- Continue monitoring the crack in WSF1 for evidence of manure leaking through the crack. Should manure be found leaking through the crack, submit plans and specifications through the Department's ePermitting system to repair the liner.

Transfer Systems:

WT1: Transfer System 1 consists of a "supertank" constructed in 2012 with dimensions of approximately 12 ft x 40 ft x 10 ft deep and a capacity of 35,900 gallons. The post construction documentation indicates that the tank walls and floors are constructed of 10-inch thick and 11-inch thick reinforced concrete. The tank is the primary reception tank for all other waste transfer systems on the production area. A shed is located above the reception tank to protect from precipitation, with a single opening in t
he tank for usage with the pumps. The reception tank was emptied to the extent practical for inspection, but could not be entered due to safety concerns. What was capable of being inspected found no visible deficiencies.

Based on test pits in the area, the reception tank is located 3.3 feet below subsurface saturation (873 ft floor to 876.3 ft water elevation). The evaluation states, "WT #1 should be periodically monitored for clean water intrusion when the tank is emptied as much as practicable." To date, no observations have been provided to the Department concerning the emptying of the reception tank and clean water intrusion observations.

WT2: Transfer System 2 consists of a gutter and 24-inch diameter HDPE gravity pipeline combination constructed in 2013. Drop inlets in the barn 3 and 4 capture the manure into WT2 to transfer to WT1. The system was in use at the time of the inspection and due to safety concerns could not be entered for observation. Based on available as-built information, the drop inlets have sufficient separation from saturation.

WT3: Transfer System 3 consists of a system of drop inlet structure, a 24-inch diameter HDPE gravity pipeline, and a 10 ft x 12 ft x 6 ft deep reception tank constructed in 2013. The drop inlets in Barn 1 capture the manure into WT3 to transfer to WT1. The system was in use at the time of the inspection and due to safety concerns could not be entered for observation. Based on available as-built information, the drop inlets and concrete reception tank have sufficient separation from saturation.

WT4: Transfer System 4 consists of a drop inlet structure with a 24-inch diameter HDPE gravity pipeline that transfers to a 10 ft x 46 ft x 8 ft deep concrete reception tank constructed in 2006. From the reception tank, an additional 24-inch diameter HDPE gravity pipeline transfers the waste to WT1. The system was in use at the time of the inspection and due to safety concerns could not be entered for observation. Based on available as-built information, the drop inlets and concrete reception tank have sufficient separation from saturation.

WT5: Transfer System 5 consists of an 8-inch diameter DR18 pressure pipeline that transfers manure from the WT1 "supertank" to WSF1. The pump used for the transfer is a N-Tech chopper style pump that is manually activated by the tractors operation. Available post construction documentation indicates that concrete thrust blocks are in place at two 45-degree elbows, a mechanical restraint, and cast iron elbows. The pipeline penetrates through the floor of WSF1 with a liquid tight connection. A manual shut off valve is also present. The components of the pipeline that were visible were inspected.

WT6: Transfer System 6 consists of a gravity system to capture spilled waste from the load out station of WSF1 towards WT3. The pipeline is an 8-inch diameter gravity pipeline constructed in 2013. No post construction documentation is available for the pipeline, and the connection to WT3 could not be inspected. The owner indicated that Leakmaster was applied at the pipeline connection with a concrete thrust block poured around the opening/joint.

- Assessment References: NRCS Standard 634 and s. NR 243.15(4), Wis. Adm. Code.
- Empty the WT1 reception tank to allow for observations of concrete condition and if clean water is intruding on the tank. Document the findings in a revised evalaution submitted through the Department's ePermitting system.
- WT2 – 6 require no further actions at this time.

Feed Storage Areas (FSA 1–6): A total of 6 separate feed storage bunkers are installed at the main farm, with 1 being screened limestone aggregate and the other five reinforced concrete. The limestone feed storage area encountered leachate seeping through the bunker wall to the north. The evaluation states, "FSA 1 liner system does not meet the requirements of NRCS 629 or NR 243." To address the further actions, a modification to convert the limestone FSA liner into a concrete liner was submitted on July 27, 2021 and approved on October 12, 2021. Post construction documentation confirming the construction was received on December 29, 2022.

No FSA runoff controls were installed at the time of the evaluation. The evaluation states, "FSA 1–6 runoff control system does not meet the requirements of NRCS 629 or NR 243." To address the further actions, plans and specifications for permanent runoff controls were submitted as part of the FSA1 modification on July 27, 2021 and approved on October 12, 2021. Post construction documentation confirming the construction was received on December 29, 2022.

- Assessment References: NRCS Standard 629 and s. NR 243.15 (2) and (9), Wis. Adm. Code.
- All further actions have been addressed and no further actions are required.

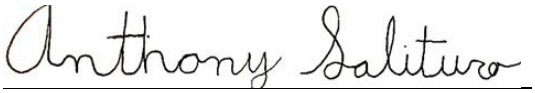
Outdoor Lots 1–3: The outdoor earthen and concrete lots had no runoff controls at the time of evaluation. The evaluation states, "Lot 1-3 have no runoff controls and does not meet the requirements of NR 243 for runoff controls." To address the further actions, an abandonment plan for the lots were received on March 13, 2022 and approved on May 3, 2022. Post construction documentation confirming the abandonment was received on April 14, 2023.

- Assessment References: s. NR 243.15(2), Wis. Adm. Code.
- All further actions have been addressed and no further actions are required.

Trevor Farms Feed Storage Area and Outdoor Lot: The evaluation states, "the lots and FSA have been abandoned by placing back into agricultural production, fallow open space, or equipment storage areas." The Trevor Farms structures are no longer in use and require no further evaluation at this time.

- Assessment References: s. NR 243.15(2), Wis. Adm. Code.
- All further actions have been addressed and no further actions are required.

DECISION RECOMMENDATION: Based on my review completed on November 20, 2025, the Waste Storage Facility 1 (WSF1) and Waste Transfer System 1 (WTS1) identified above require further actions. All other reviewable facilities require no further action at this time.



Tony Salituro
Water Resources Engineer
Watershed Management Program

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
647 Lakeland Road
Shawano, WI 54166

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

10/30/2025

Trevor Paiser
Paiser Family Dairy LLC
51 Highview Road
Gresham, WI 54128

WPDES Permit No. WI 0066991-01-0
Shawano County

Subject: 10/16/2025 Permit Compliance Inspection

Dear Mr. Paiser:

On October 16th, 2025, the Department of Natural Resources met with the representatives of Paiser Family Dairy 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 920-366-3302 or brian.hanson@wisconsin.gov.

Sincerely,

Brian Hanson

Brian Hanson
Agricultural Runoff Management Specialist

Enclosure: 10/16/2025 Inspection Report

Electronic copy: Scott Frank - Shawano County LCD
Kevin Beckard – AgSource
Eric Leitz – Oak Ridge Engineering
Joe Baeten, Falon French - DNR

CAFO Compliance Inspection Report

Inspection Date: 10/16/2025

Report Final Date: 10/30/2025

Operation Name: Paiser Family Dairy LLC

WPDES Permit #: WI-0066991-01-1

Farm Address: **Main Dairy** - W9388 Butternut Road, Shawano, WI ; T27N R15E S6 ; Shawano County

Kroenke Farm - N7256 Box Elder Road, Shawano, WI ; T27N R15E S4 ; Shawano County

On-Site Representative(s): (Owners & Operators) Trevor Paiser

Report Author: Brian Hanson: DNR Agricultural Runoff Specialist

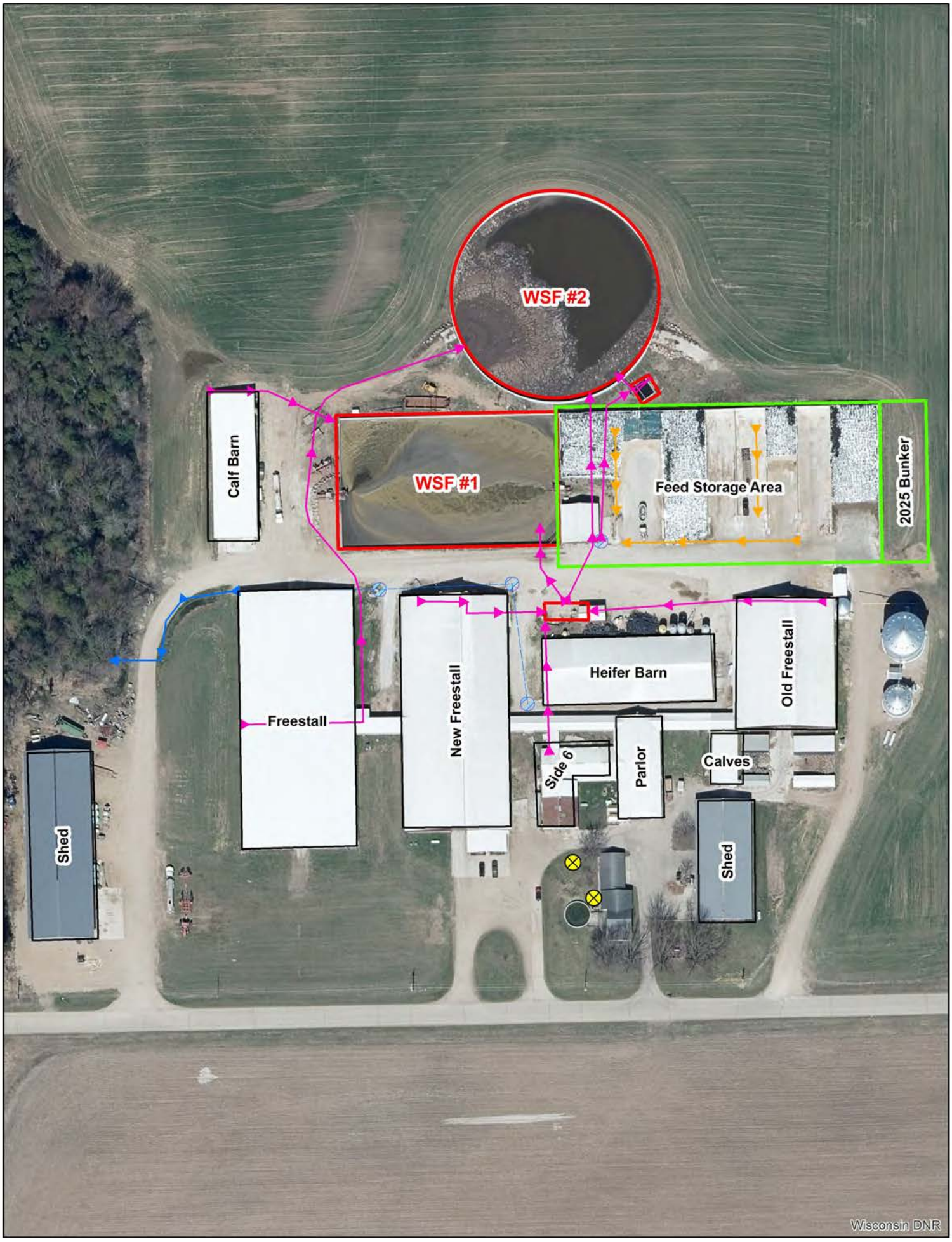
Others Participating : Blake Schuebel - Shawano County

Introduction

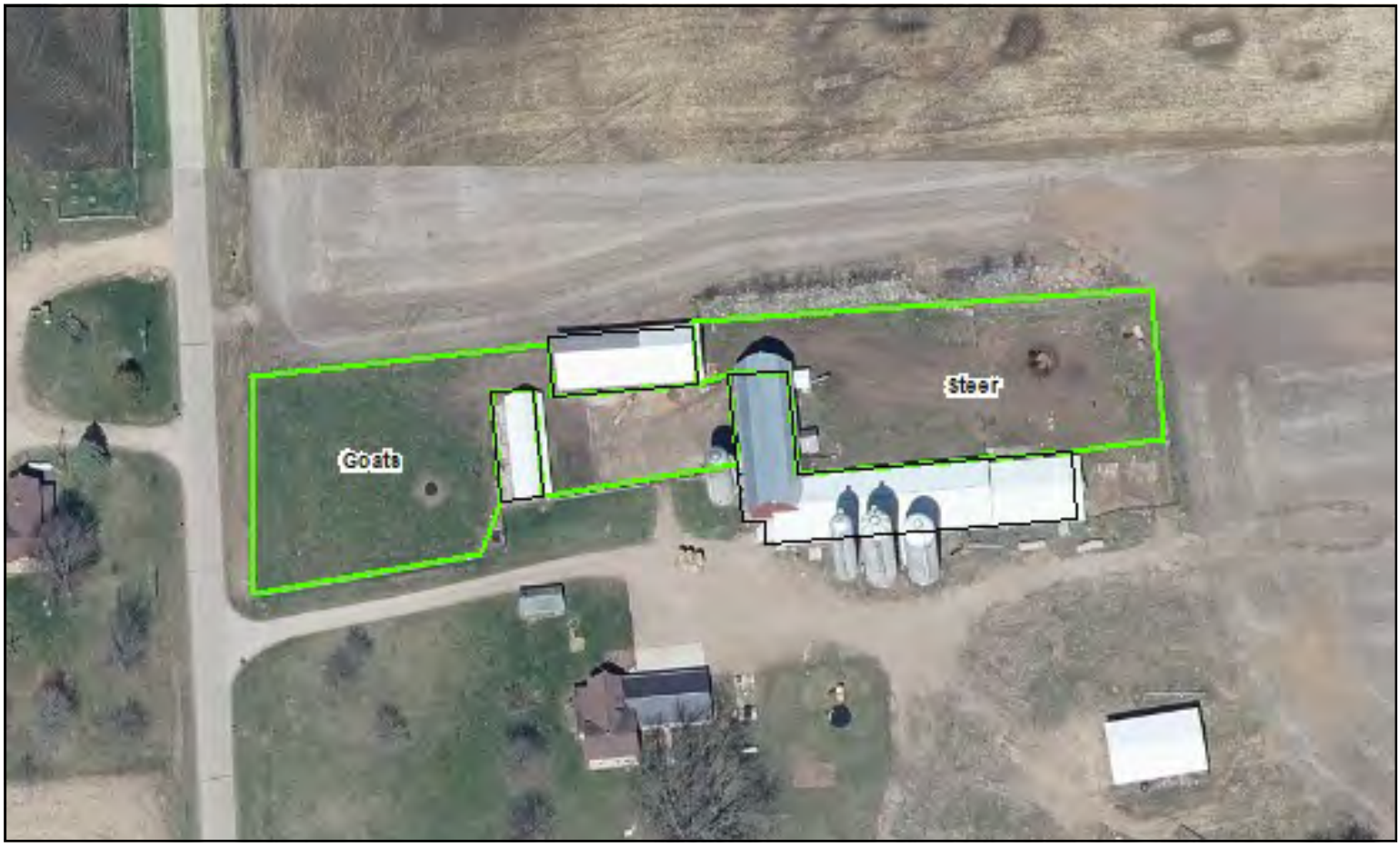
On Thursday October 16th, 2025 Hanson met with Paiser & Schuebel at 9:00 at Paiser Family Dairy LLC site to conduct a mid permit compliance inspection. 2 sites were inspected. The Kroenke farm only has a few personal animals left as the outdoor lots & feed storage area has been abandoned. No significant precipitation had fallen & temperatures were in the 60's and sunny. No permit violations were observed, and no water samples were collected. Hanson departed at approximately 10:30.

Site Overview Diagram (Main Dairy & Kroenke Farm)

Site Overview Diagram (Main Dairy: orange lines =potential contaminated runoff, blue lines = stormwater flow, pink lines = waste transfer system, yellow circles = wells)



Site Overview Diagram (Kroenke Farm: orange lines =contaminated runoff, blue lines= stormwater flow, pink lines= **waste transfer system)**



SITE OBSERVATIONS :

Feedlot Runoff (Photo on pages 5)

There were previously 2 outdoor feedlots at the main dairy and multiple outdoor lots at the Kroenke Farm. An earthen area on the east side of the parlor was also previously used. All of these lots have been abandoned in compliance with permit schedules. The only animals left outdoors are a few head of personal animals located at the Kroenke farm on a small pasture.

Calf Hutch Areas

There are no calf hutches located on the farm at this time. Calves are raised in a calf barn located on the west side of the farm.

Waste Storage Facilities (Photos on Pages 6-11)

There are 2 liquid waste storage facilities located on the farm.

WSF #1 is a 10' vertical wall structure that was designed and installed by NRCS in 2012. This facility can accept manure and process wastewater from the older freestall barns & parlor via the supertank transfer system. This system is a series of gravity flumes and reception tanks. Each of these systems gravity flow to a central reception tank known as the "super tank". From here manure is pumped to either WSF #1 or WSF #2 for long term storage. The new calf barn is also designed to be transferred to this facility, but the pump has not yet been connected and is instead emptied manually a few times per year. Feed storage area runoff can also be pumped to this facility. During the summer, WSF #1 is generally used to store FSA runoff instead of manure.

WSF #2 is a concrete walled Pipping structure that was constructed in 2021. This facility accepts manure from the newest freestall barn & can accept manure from the older free stalls via the super tank transfer system. Feed storage area runoff can also be pumped to this facility.

Liquid waste storage structures are well-maintained, appear in good repair, and appear to be in compliance with permit requirements.

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

Milking parlor washwater at the Main Dairy is collected and mixed with the manure from the dairy barns in the central reception collection system. Any liquid from this system is routed through the supertank transfer system & eventually stored in WSF #1 or WSF #2 for long term storage.

Feed Storage Area Runoff (Photos on pages 12-17)

There is 1 feed storage area located on the farm which is at the Main Dairy east of WSF #1. The feed storage area is a series of concrete bunkers in the northeast corner of the farm. The FSA was last expanded in 2025 by adding an additional bunker on the east side. Engineered runoff controls were installed in 2022. Leachate and runoff currently flow southwest to the corner of the pad and then enter a surface inlet. This surface inlet gravity flows north to the leachate collection tank. The system was designed to capture a 25 yr / 24 hr storm event in the leachate collection tank and through ponding on the feedpad. Any additional runoff would overflow the collection tank through a weir in the east wall of the collection tank. The collection tank is emptied by pumping the contents to either WSF #1 or WSF #2 via an overhead transfer pipe.

All temporary feed storage areas have been abandoned. All feed is now stored on the permanent feed storage area.

The feed storage area is well-maintained, appear in good repair, and in compliance with permit requirements.

Animal Mortality Disposal

Mortalities are moved to central location and picked up daily as needed by OJ Krull.

Ancillary Service Areas (Photo on page 18)

Preventative maintenance actions and visual inspections 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, all stormwater channels were well vegetated. Farm should continue to manage these areas to minimize the chance of runoff from the production area.

RECORDS REVIEW

The permittee has current WPDES Permit and Nutrient Management Plan onsite, and they are located in the office.

The permittee provided complete production site inspection records that are required to be retained. Daily Hauling logs, CAFO Calendar for required inspections and manure pit volume logs were all available for inspection.

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

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

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

EXPANSION PLANS

The farm does not have any plans to expand at this time.

Photo #:	1
Date/Time of Photo:	10/16/2025 10:35
Photo By:	Brian Hanson
Photo Location:	Kroenke Farm Outdoor Lot

Photo Description:

Standing on the road looking east: View of outdoor lot on west side of barn. Lot only houses a few pet animals now and is well vegetated.

Photo #:	2
Date/Time of Photo:	10/16/2025 09:42
Photo By:	Brian Hanson
Photo Location:	Main Dairy Calf Barn

Photo Description:

Standing on the south side of calf barn looking north: View of interior of calf barn.

Photo #:	3
Date/Time of Photo:	10/16/2025 09:43
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #1

Photo Description:

Standing on the west side of WSF #1 looking east: View of south wall of WSF #1.

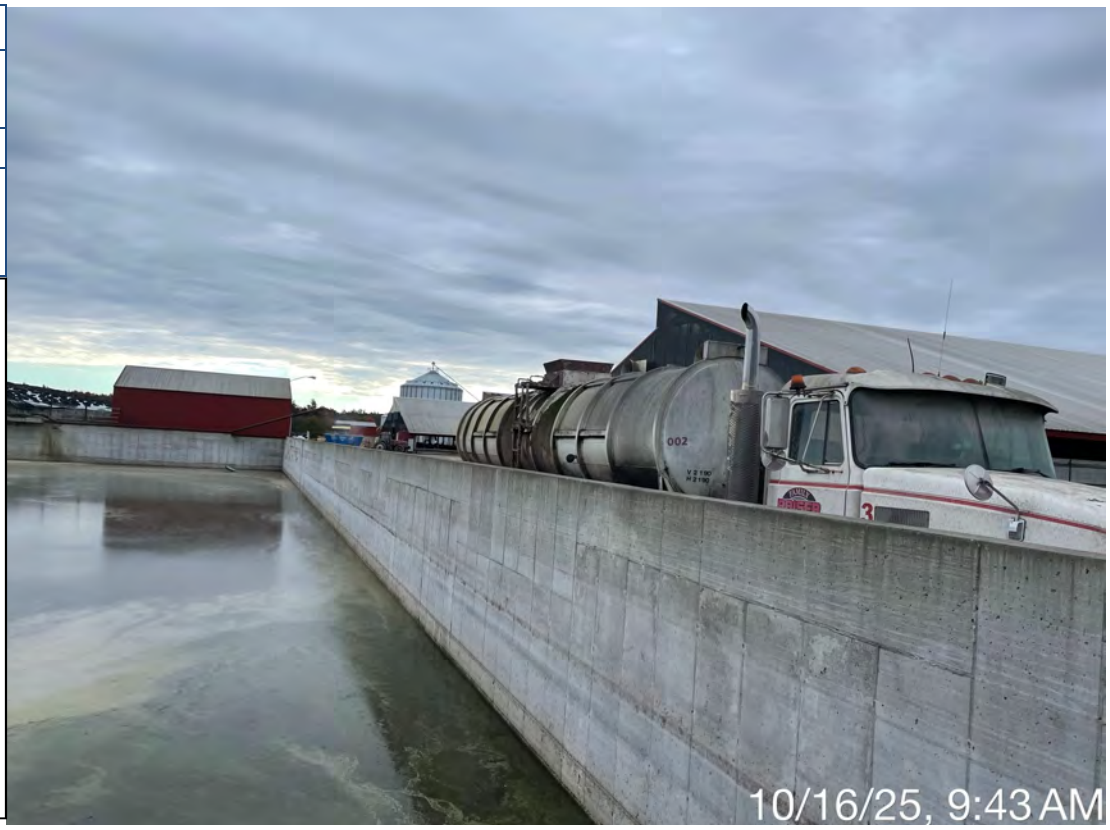


Photo #:	4
Date/Time of Photo:	10/16/2025 09:43
Photo By:	Brian Hanson
Photo Location:	Main Dairy WFS #1

Photo Description:

Standing on the west side of WSF #1 looking north: View of northwest corner of WSF #1.

Photo #:	5
Date/Time of Photo:	10/16/2025 09:46
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #1

Photo Description:

Standing on north side of WSF #1 looking east: View of northeast corner of WSF #1. Red Pipe on top of wall is load out line for WSF #2.

Photo #:	6
Date/Time of Photo:	10/16/2025 09:59
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #1

Photo Description:

Standing on east side of WSF #1 looking northwest: View of north 1/2 of WSF #1.

Photo #:	7
Date/Time of Photo:	10/16/2025 09:59
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #1

Photo Description:

Standing on east side of WSF #1 looking south: View of southeast corner of WSF #1. Pipe on top of wall is load out line for both pits.

Photo #:	8
Date/Time of Photo:	10/16/2025 09:59
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #1

Photo Description:

Standing on east side of WSF #1 looking south & down: View of permanent markers in east wall of pit.

Photo #:	9
Date/Time of Photo:	10/16/2025 10:01
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #1

Photo Description:

Standing on south side of WSF #1 looking northwest: View of exterior side of concrete wall of WSF #1.

Photo #:	10
Date/Time of Photo:	10/16/2025 09:46
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #2

Photo Description:

Standing on the southwest side of WSF #2 looking east: View of south side of WSF #2

Photo #:	11
Date/Time of Photo:	10/16/2025 09:46
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #2

Photo Description:

Standing on the west side of WSF #2 looking southeast: View of permanent markers in south wall of WSF #2.

Photo #:	12
Date/Time of Photo:	10/16/2025 09:47
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #2

Photo Description:

Standing on the west side of WSF #2 looking northeast: View of north side of WSF #2.

Photo #:	13
Date/Time of Photo:	10/16/2025 09:49
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #2

Photo Description:

Standing on the north side of WSF #2 looking southwest: View of the exterior of wall on northwest side of WSF #2.

Photo #:	14
Date/Time of Photo:	10/16/2025 09:49
Photo By:	Brian Hanson
Photo Location:	Main Dairy WSF #2

Photo Description:

Standing on the north side of WSF #2 looking southeast: View of the exterior of wall on northeast side of WSF #2.

Photo #:	15
Date/Time of Photo:	10/16/2025 09:52
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on north side of FSA looking west: View of north wall of FSA on the west end.

Photo #:	16
Date/Time of Photo:	10/16/2025 09:52
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on the north side of FSA looking east: View of original bunker wall in center section of north wall.

Photo #:	17
Date/Time of Photo:	10/16/2025 09:53
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on the north side of FSA looking east: View of newly installed bunker wall on east end of north wall.

Photo #:	18
Date/Time of Photo:	10/16/2025 09:54
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on the east side of FSA looking south: View of newly installed bunker wall on east edge of FSA.

Photo #:	19
Date/Time of Photo:	10/16/2025 09:56
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing at the southeast corner of FSA looking west: View of south edge of FSA which acts as a runoff collection channel. Arrows indicate direction of runoff flow.

Photo #:	20
Date/Time of Photo:	10/16/2025 09:57
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on the south side of FSA looking north: View of an interior bunker. Floor appears to be in good condition.

Photo #:	21
Date/Time of Photo:	10/16/2025 09:57
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on the south side of FSA looking west: View of south edge of FSA. Orange arrows indicate FSA runoff & blue indicate stormwater runoff.

Photo #:	22
Date/Time of Photo:	10/16/2025 09:58
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on the south side of FSA looking west: View of west end of FSA. Runoff controls inlet location highlighted.

Photo #:	23
Date/Time of Photo:	10/16/2025 09:58
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing at the southwest corner of FSA looking east: View of runoff control inlet at southwest corner of FSA.

Photo #:	24
Date/Time of Photo:	10/16/2025 09:51
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on the north side of FSA looking west: View of runoff collection tank in between FSA & WSF #2.

Photo #:	25
Date/Time of Photo:	10/16/2025 09:51
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on the east side of runoff collection tank looking southwest & down: View of south wall of runoff collection tank. Notice white pipe in south wall. This is outlet of tile drainage system around FSA.

Photo #:	26
Date/Time of Photo:	10/16/2025 09:51
Photo By:	Brian Hanson
Photo Location:	Main Dairy Feed Storage

Photo Description:

Standing on east side of runoff collection tank looking west: View of west wall of runoff collection tank. Notice 2 black pipe outlets by the north pump. These are outlet pipes from collection inlet in southwest corner of FSA.

Photo #:	27
Date/Time of Photo:	10/16/2025 09:39
Photo By:	Brian Hanson
Photo Location:	Main Dairy Stormwater

Photo Description:

Standing on the south side of freestall barns looking north: View of grassed area in between freestall barns.

Photo #:	28
Date/Time of Photo:	10/16/2025 10:00
Photo By:	Brian Hanson
Photo Location:	Main Dairy Stormwater

Photo Description:

Standing on the north side of heifer barn looking west: View of stormwater inlet on north side of freestall barns. Stormwater that enters this inlet flows west of the production site.

Photo #:	29
Date/Time of Photo:	10/16/2025 09:38
Photo By:	Brian Hanson
Photo Location:	Main Dairy Well Location

Photo Description:

Standing on the south side of freestall barn looking east: View of water supply well location northwest of house in lawn.

Photo #:	30
Date/Time of Photo:	10/16/2025 09:38
Photo By:	Brian Hanson
Photo Location:	Main Dairy Well Location

Photo Description:

Standing on west side of house looking southeast: View of water supply well location on west edge of house.

SUMMARY:

Areas of Concern

- None.

Action Items

- Once department review is complete, follow up with any corrective actions identified by the engineering evaluations of existing structures that was submitted on December 30th, 2021, known as project # R-2021-0252
- By 12/15/2025, Submit Post Construction engineering report for 2025 feed storage expansion. File reference # R -2025-0067.
- Submit permit reissuance application by 4/1/2026

Permit Violations

- None.

Potential Items for next Permit Term

- Schedules for any corrective action items identified in engineering evaluation once it is reviewed.
- Removal of Kroenke Farm & all associated sample points from the permit.

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)