

# Permit Fact Sheet

## General Information

Permit Number	WI-0064521-04-0
Permittee Name and Address	Rohan Dairy Farms LLC N7832 Village Rd, Bear Creek, WI 54922
Permitted Facility Name and Address	Rohan Dairy Farms LLC Main Dairy - N7832 Village Rd Bear Creek WI – NW ¼ SW ¼ Section 30 Township 24N Range 15E Heifer Hill – N7899 Village Rd Bear Creek, WI – NE ¼ SE ¼ Section 25 Township 24N Range 14E
Permit Term	August 01, 2026 to July 31, 2031
Receiving Water	Unnamed tributaries within the Bear Creek – Embarrass River Watershed, and groundwaters of the state
Discharge Type	Existing source CAFO per NR 243.03(23) as the facility has been permitted since 2010.

### 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
Milking and Dry Cows	1554	1587	1372	1401	02/17/2028
Heifers (400 lbs. to 800 lbs.)	360	600	360	600	02/17/2028
Heifers (800 lbs. to 1200 lbs.)	330	300	472	429	02/17/2028
Total	2244	1587	2204	1401	

## Facility Description

Brief Facility Description Rohan Dairy Farms LLC is an existing Concentrated Animal Feeding Operation (CAFO). Rohan Dairy Farms LLC is owned and operated by members of the Rohan family. It currently has 2,244 animal units and is not proposing to expand during the permit term. Based on current herd size, Rohan Dairy Farms LLC has approximately 211 days of available liquid waste storage and generates approximately 17,562,812 gallons of manure and process wastewater annually. Rohan Dairy Farms LLC has a total of 2,854 acres available for land application of manure and process wastewater. Of this acreage, 977 acres are owned and 1,876 acres are controlled through contracts, rental agreements, leases, or manure agreements. Of this acreage, 2,791 are considered spreadable acres.

# Substantial Compliance Determination

## Enforcement During Last Permit:

- No formal enforcement actions taken during previous permit term.

After a desk top review of annual reports, nutrient management plan updates, compliance schedule items, and a site visit on August 12, 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 manure and process wastewater land applied from Waste Storage Facility #1 (WSF #1). WSF #1 is an earthen lined storage with concrete agitation pads located at the main dairy to the north of the existing feed storage area. The facility has an approximate total volume of 11.4 million gallons & a maximum operating level capacity of 7.7 million gallons. This facility was last modified in 2012 and has not been evaluated since. This storage accepts manure and process wastewater from the adjacent barns and first flush runoff from the feed storage area.
002	Sample point 002 is for liquid manure and process wastewater land applied from Waste Storage Facility #2 (WSF #2). WSF #2 is a concrete lined storage located at the heifer hill site to the west of the heifer barns. The facility has an approximate total volume of 3.98 million gallons & a maximum operating level capacity of 2.4 million gallons. This facility was constructed in 2016 and has not been evaluated since. This storage accepts manure and process wastewater from the heifer barns & adjacent animal feeding lane.
005	Sample point 005 is for solid manure generated by Rohan Dairy. Representative samples from all sources (maternity pen bedpack, concrete stacking pads, headland stacking locations, etc.) shall be taken.
006	Sample point 006 is for visual monitoring and inspection of outdoor vegetated areas located at the Main site north of WSF 1 and the Heifer Hill site south of the heifer barn & WSF #2. Proper operation and maintenance is required to ensure vegetative cover is sustained across lot areas. Quarterly inspections are required and shall be recorded according to monitoring program. Outdoor lot areas not managed to sustain vegetation are not permitted and shall be properly abandoned, or permanent runoff controls installed.
007	Sample point 007 is for visual monitoring and inspection of the feed storage area and associated runoff control system located at the Main Dairy site. The FSA is approximately 3.5 acres in size and utilizes a first flush collection & vegetated treatment system for the majority of the FSA. The 2022 expansion utilizes a collection basin and also has clean water diversions. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program.
011	Sample point 011 is for 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.
012	Sample point 012 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

<b>Sample Point Designation For Animal Waste</b>	
<b>Sample Point Number</b>	<b>Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)</b>
	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.
013	Sample point 013 is for process wastewater land applied from Waste Storage Facility #3 (WSF #3). WSF #3 is a concrete lined storage located at the Main Dairy site to the east of the feed storage area. The facility has an approximate total volume of 10,800 gallons & a maximum operating level capacity of 1,700 gallons. This facility was constructed in 2022 and has not been evaluated since. This storage accepts runoff & process wastewater from the 2022 Feed Storage Area expansion. Sampling is only required if liquid is directly land applied from this facility.

## **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 211 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 2244 animal units (1110 milking & dry cows, 900 heifers), it is estimated that approximately 17,562,812 gallons of manure and process wastewater and 332 tons of solid manure will be produced per year. The permittee owns *approximately* 977 acres of cropland and 1876 acres are controlled through contracts, rental agreements or leases, or under manure agreements. Given the rotation commonly used by the permittee, 2,791 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 to 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, and 013- WSF #3

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

#### 1.1.1 Changes from Previous Permit

Sample point 013 added for new Waste Storage Facility #3 (WSF #3) approved by the department on 7/11/2022 (R-2022-0102)

#### 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: 005- Misc. Solid Manure ; 011- WSF Solids

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: 006- Outdoor Vegetated Areas; 007- Feed Storage Area, and 012- Storm Water Runoff Control

#### 1.3.1 Changes from Previous Permit

No Changes from previous permit

#### 1.3.2 Explanation of Operation and Management Requirements

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

## 2 Schedules

### 2.1 Emergency Response Plan

Required Action	Due Date
Develop Emergency Response Plan: Develop a written Emergency Response Plan within 30 days of permit coverage, and submit to the Department.	09/01/2026

### 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.	10/01/2026

### 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 Permit Application Submittal

The permittee shall file an application for permit reissuance in accordance with NR 200, Wis. Adm. Code.

Required Action	Due Date
Permit Application Submittal: Submit a complete permit application to the Department no later than 180 days prior to permit expiration.	02/01/2031

## 2.10 Explanation of Schedules

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

## Other Comments

None

## Attachments

## 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: 5/20/2026



April 28, 2026

Outagamie County  
Approval

Cory Rohan  
Rohan Dairy Farms, LLC  
N7832 Village Road  
Bear Creek, WI 54922

**SUBJECT:** Conditional Approval of Rohan Dairy Farms LLC Nutrient Management Plan, WPDES Permit No. 006452104-0

Dear Cory Rohan:

After completing a review of Rohan Dairy 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 Rohan Dairy 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 2244 animal units (1110 milking & dry cows, 900 heifers).
2. Manure generation and spreading records indicate your herd will annually generate approximately 17,562,812 gallons of manure and process wastewater and 332 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 Rohan Dairy Farms LLC currently has 2854 acres (977 owned and 1876 controlled through contracts, rental agreements or leases, or under manure agreements) of which 2791.2 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 Rohan Dairy 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 have also been approved to receive industrial, municipal, or septage waste:

Field Name	Other Permittee Name	Other Permittee Field Name	DNR #
Derbie	ST PAPER LLC	DERB-1	105278
Derbie	ST PAPER LLC	DERB-2	105279
Hauser	ST PAPER LLC	HAUS-1	105283
Piccalo	ST PAPER LLC	PIC-1	105281
Roberts	ST PAPER LLC	ROB-1	105282

Prior to any manure applications on these fields Rohan Dairy Farms LLC shall contact the entities listed above to obtain recent spreading records and make the necessary adjustments to the planned manure application rates. At the end of each year Rohan Dairy Farms LLC shall contact each entity listed above to obtain spreading records from the previous year so that they can be properly tracked in the NMP. Please Note: Rohan Dairy Farms LLC is responsible for obtaining nutrient content values for all other wastes spread on any field in their NMP.

3. The following fields are prohibited from receiving applications of manure or process wastewater:
  - Paul Flannagin 18
  - Paul Flannagin 19
  - Paul Flannagin 20
  - Paul Flannagin 21

If Rohan Dairy 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.

4. 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.
5. All liquid manure samples collected may be analyzed, at a minimum, for percent dry matter, total nitrogen, percent NH<sub>4</sub>-N, percent NO<sub>3</sub>-N, phosphorus, potassium, and sulfur.
6. If manure sample results have a dry matter (DM) content less than 2.0% and the percent ammonium (NH<sub>4</sub><sup>+</sup>) is greater than 75% of the total N, Rohan Dairy Farms LLC may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

7. Rohan Dairy Farms LLC shall record daily manure applications by using form 3200-123A.

8. Rohan Dairy 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 the SnapPlus Annual Spreading Reports.

#### WINTER SPREADING

9. Liquid manure applications during winter conditions, as defined by NR 243.14(7), Wis. Adm. Code, are prohibited with the exception of emergency applications.
10. The following field(s) are approved for winter spreading solid manure:
- Across Road
  - Borlen Hwy 45
  - Drephal
  - East Thoma Rd
  - Griffens
  - H-1
  - Hfr Pit West
  - Jesse West
  - Kens North
  - Kens South
  - Lowneys
  - Mares Pond
  - Thoma Hwy 45
11. The following field(s) are approved for emergency applications of liquid manure and frozen liquid manure:
- Across Road
  - Borlen Hwy 45
  - Drephal
  - East Thoma Rd
  - Griffens
  - H-1
  - Hfr Pit West
  - Jesse West
  - Kens North
  - Kens South
  - Lowneys
  - Mares Pond
  - Thoma Hwy 4
12. 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.
13. Winter applications of liquid manure shall only occur under emergency situations, after notifying the Department and receiving verbal approval.
14. 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

15. No headland stacking sites are approved.

#### MANURE & PROCESS WASTEWATER IRRIGATION

16. Irrigation of manure or process wastewater is prohibited.

#### SUBMITAL AND RECORDKEEPING REQUIREMENTS

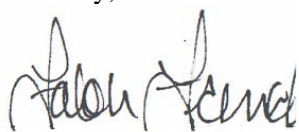
17. A copy of this conditional approval shall be included in all future annual Nutrient Management Plan Updates in addition to the NR 243 and NRCS 590 checklists.
18. The farm is required to take a minimum number of manures samples to meet permit requirements as follows:
- Solid Manure: One solid sample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

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

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

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

Sincerely,

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

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

cc: Brian Hanson, WDNR Agricultural Runoff Specialist ([brian.hanson@wisconsin.gov](mailto:brian.hanson@wisconsin.gov))  
Erin Hanson, WDNR Agricultural Runoff Supervisor ([erine.hanson@wisconsin.gov](mailto:erine.hanson@wisconsin.gov))  
Joe Baeten, Agricultural Runoff Section Manager ([Joseph.Baeten@Wisconsin.gov](mailto:Joseph.Baeten@Wisconsin.gov))  
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator ([Aaron.Orourke@Wisconsin.gov](mailto:Aaron.Orourke@Wisconsin.gov))  
Ashley Scheel, WDNR CAFO Nutrient Management Plan Reviewer ([Ashley.Scheel@Wisconsin.gov](mailto:Ashley.Scheel@Wisconsin.gov))  
Tabby Feller, WDNR CAFO Engineer ([tabatha.davis@wisconsin.gov](mailto:tabatha.davis@wisconsin.gov))  
Greg Baneck, Outagamie County ([greg.baneck@outagamie.org](mailto:greg.baneck@outagamie.org))  
Brian Haase, Waupaca County ([brian.haase@co.waupaca.wi.us](mailto:brian.haase@co.waupaca.wi.us))  
Kyle Much, Much Crop Consulting Inc ([much.kyle@gmail.com](mailto:much.kyle@gmail.com))  
File



April 17, 2026

FILE REF: R-2026-0021  
 WPDES Permit #: WI-0064521

Cory Rohan  
 Rohan Dairy Farms LLC  
 N7832 Village Road  
 Bear Creek, WI 54922

Subject: Days of Storage Review for Rohan Dairy Farms LLC SW¼ of T24N, R15E, Section 30 in Deer Creek Township, Outagamie County – NO ADDITIONAL ACTION REQUIRED

Dear Cory Rohan:

This letter is to inform you that the Wisconsin Department of Natural Resources (Department) has completed its review of the calculation of days of storage submitted under certification by Quint Krueger, Outagamie County LCD on January 31, 2026 with revisions received on March 26, 2026 on behalf of Rohan Dairy 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 Rohan Dairy Farms LLC has 211 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 2,244. 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 25-year, 24-hour storm is collected in permanent waste storage. The 2022 feedpad expansion stores haylage and operates a clean water diversion system.

Total Liquid Waste Storage Capacity (gallons)						
Waste Storage	Total Vol. from Settled Top to Bottom	-Solids Storage	-25-yr, 24-hr Precip. on Storage	25-yr, 24-hr Collected Runoff	Freeboard Vol.	Max. Operating Level (MOL) Vol.
#1	11,432,419	651,186	1,592,043	314,257	1,163,320	7,711,613
#2	3,977,266	247,064	814,460	28,349	464,127	2,423,266
#3	10,784	50	2,072	2,053	4,908	1,701
Total MOL Vol:						10,136,580
Days of Storage:						<b>211</b>

Total Annual Liquid Waste Volume (NRCS Table Values)	
Liquids Collected/Stored	Annual Gallons
Manure and Bedding	10,923,803
Parlor Wastewater	3,219,300
Feed Storage Leachate	48,620
Feed Storage Runoff Collected	247,510
Feedlot Runoff	218,387
Net Precipitation on Storage Surface(s)	2,803,217
2022 Feed Pad Addition (Runoff)	101,975
<b>TOTAL:</b>	<b>17,562,812</b>

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

**NOTICE OF APPEAL RIGHTS**

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

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

STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES



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



Ariana Somma  
CAFO Review Engineer Intern  
Watershed Management Program

Email: Quint Krueger; Outagamie County LCD  
(920) 832-6074; quint.krueger@outagamie.org

Greg Baneck; Outagamie County  
(920) 832-5074; greg.baneck@outagamie.org

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

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

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

Ariana Somma; DNR, Central Office  
ariana.somma@wisconsin.gov



8/22/2025

Cory Rohan  
Rohan Dairy Farms LLC  
N7832 Village Road  
Bear Creek, WI 54922

WPDES Permit No. WI-0064521-03-0  
Outagamie County

**Subject: 8/12/2025 Permit Compliance Inspection**

Dear Mr. Rohan:

On August 12<sup>th</sup>, 2025, the Department of Natural Resources met with the representatives of Rohan Dairy 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 920-366-3302 or [brian.hanson@wisconsin.gov](mailto:brian.hanson@wisconsin.gov).

Sincerely,

Brian Hanson  
Agricultural Runoff Management Specialist

Enc: 8/12/2025 Compliance Inspection Report

ec: Greg Baneck - Outagamie County  
Brian Haase – Waupaca County  
Kyle Much – Much Crop Consulting  
Joe Baeten, Falon French - DNR

# CAFO Compliance Inspection Report



Inspection Date: 8/12/2025

Report Final Date: 8/22/2025

Operation Name: Rohan Dairy Farms LLC

WPDES Permit #: WI-0064521-03-0

Farm Address: Main Dairy: N7832 Village Rd, Bear Creek, WI NW 1/4 of SW 1/4 Sec.30 T24N R15E, Outagamie County

Heifer Hill: N7899 Village Rd, Bear Creek, WI NE 1/4 of SE 1/4 Sec. 25 T 24N R14E, Waupaca County

On-Site Representative(s): Cory Rohan (owner & manager) & Kyle Much (Agronomist)

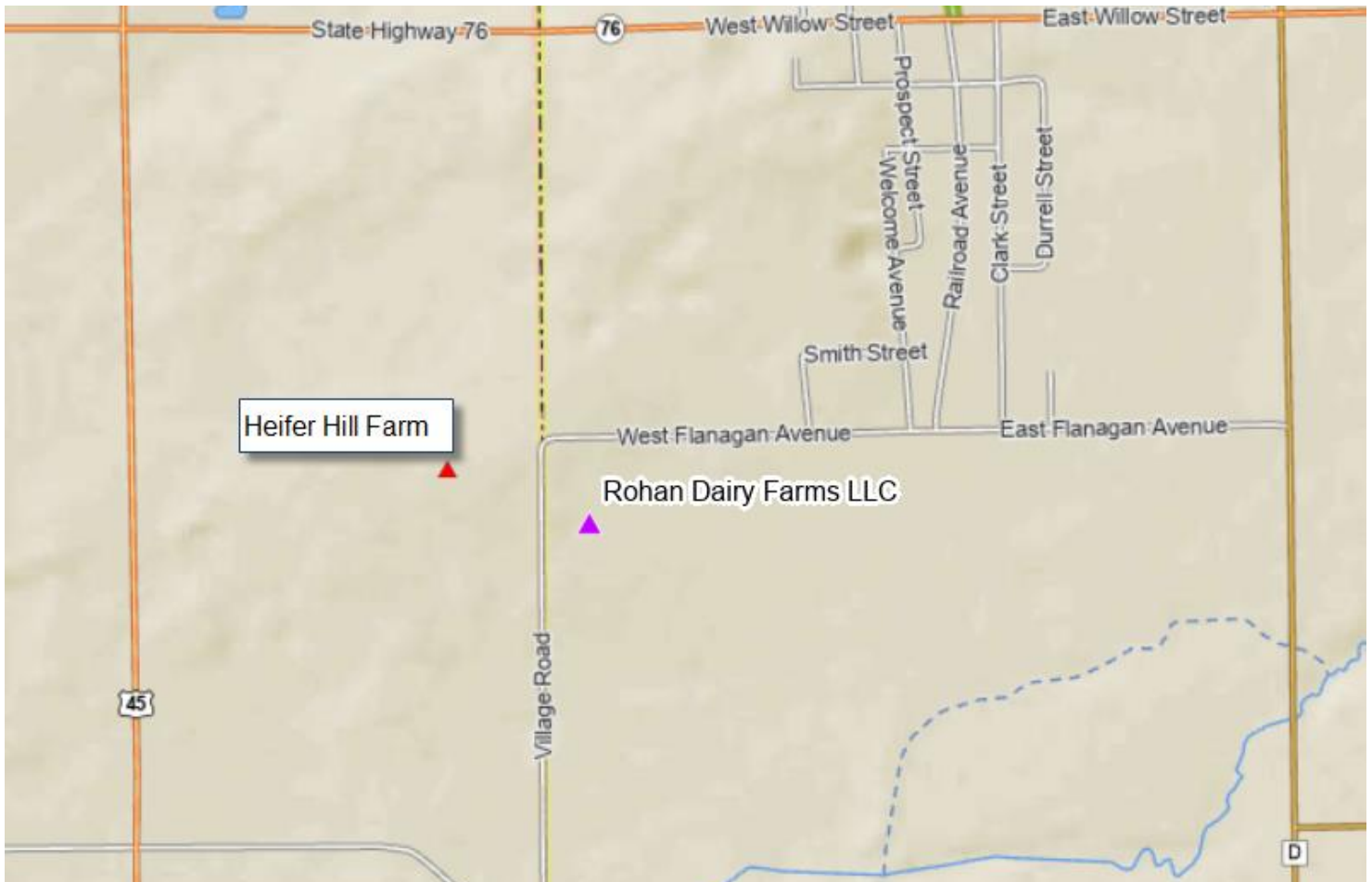
Report Author: Brian Hanson: DNR Agricultural Runoff Specialist

Other Participating Agencies: None

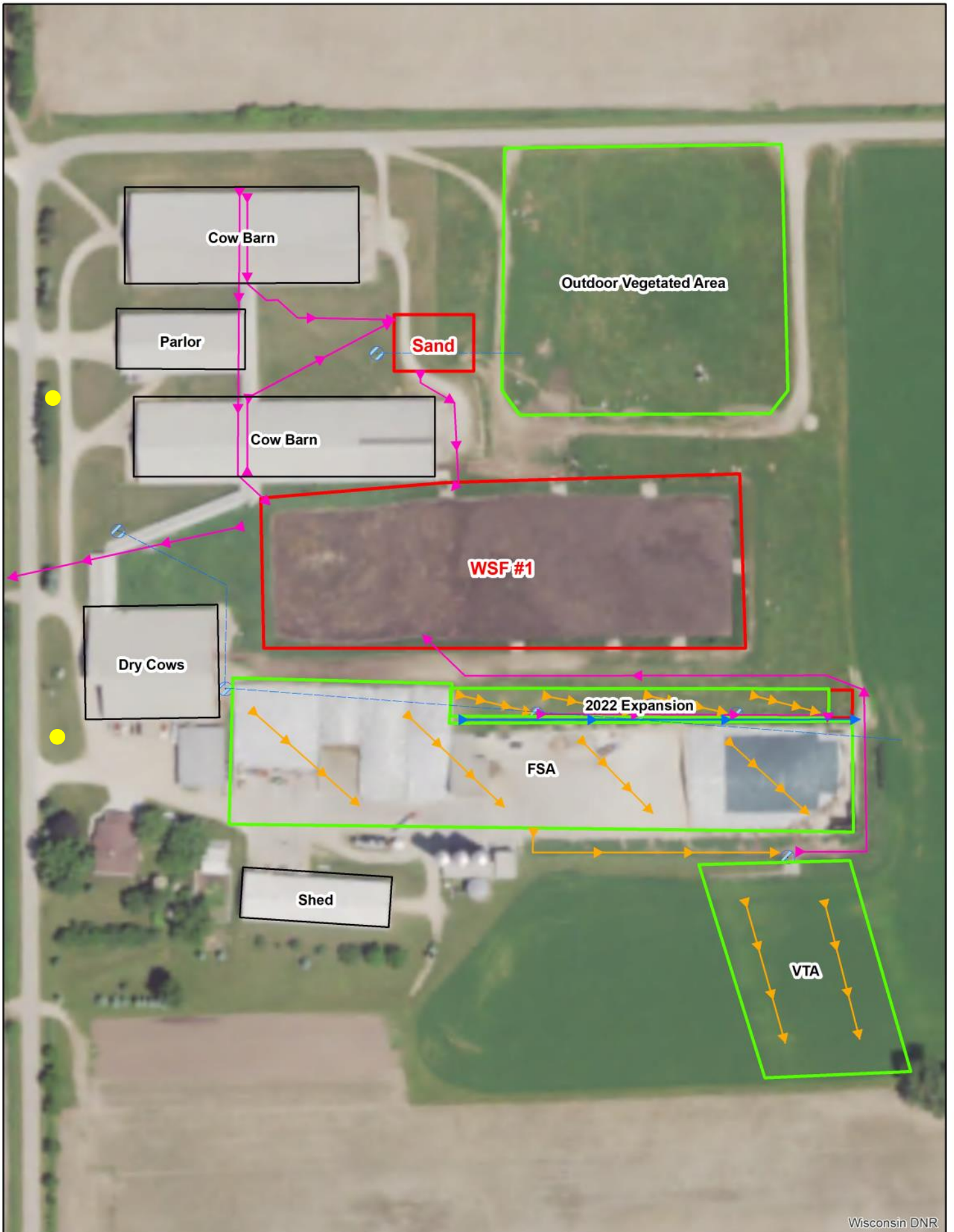
## Introduction

On Tuesday August 12th, 2025, at 09:00 Hanson met with Rohan & Much at Rohan Dairy Farms LLC site to conduct a permit reissuance walkover inspection. The main dairy site & the Heifer site were inspected. No significant rain had occurred previous to the inspection and the temperature was in the 70's & cloudy. No active discharges were observed, and no water samples were collected. Hanson departed at approximately 11:30.

## Site Overview Diagram (Rohan Dairy Farms LLC)



**Site Overview Diagram** (Main Dairy: orange lines = potential contaminated runoff, blue lines = stormwater flow, pink lines = waste transfer system, Yellow circles = well locations)



**Site Overview Diagram** (Heifer Hill Farm: orange lines =potential contaminated runoff, blue lines = stormwater flow, pink lines = waste transfer system, Yellow circles = well locations)



## **SITE OBSERVATIONS :**

### Feedlot Runoff (Photos on pages 6-8)

There is 1 outdoor animal lot on the farm at this time. The outdoor concrete lot is located at the Heifer Hill Farm at the northeast corner of WSF #2. This lot is connected to a south facing barn. Runoff flows to the west end of the lot where it gravity flows directly into WSF #2. The farm is looking into plans to roof this facility in the near future.

### Calf Hutch Areas

There are no calf hutch areas at the farm.

### Waste Storage Facilities (Photos on pages 8-15)

There are 3 liquid waste storage facilities located on the farm.

Manure & process wastewater from the freestall barns & parlor is collected by a series of transfer systems and is all directed to the sand separation building. After the sand is removed manure is pumped to WSF #1 for long term storage.

WSF #1: This WSF is an earthen lined impoundment located at the main dairy south of the freestall barns & north of the FSA that was reconstructed in 2012. Manure & wastewater from the main freestall barns is stored in this facility as well as 1st flush runoff from the main feed storage area. The facility does not have an access ramp, but does have multiple concrete agitation pads.

At the time of inspection, a safety fence was visible, but difficult to see its condition due the berm and interior sides slopes being covered in tall dense vegetation. Markers were not visible due to vegetation, but Rohan pointed out where they were.

WSF #2: WSF #2 is a concrete lined impoundment located at the Heifer Hill site west of the heifer barns that was expanded & reconstructed in 2016. Manure and process wastewater generated in the heifer barns is stored in this facility as well as runoff from the outdoor feedlot.

At the time of inspection, a safety fence was present. Rohan pointed out that 2 of the steel pipes on the access ramp were used as permanent markers.

WSF #3: WSF #3 is a small concrete lined impoundment located at the main dairy on the east side of the feed storage area. Leachate & runoff from the 2022 FSA expansion are stored in this facility. At the time of inspection no safety fence or permanent markers were observed.

Sand Storage: Inside the sand separation building is a sand storage area. The east part of the building is a roofed solids storage area with concrete floors and walls. Any leachate from this stacking area is collected and returned to sand separation system. The facility was constructed in 2024 and stores recycled sand prior to use for bedding the freestall barns.

Except as noted above, solid and liquid waste storage structures are well-maintained, in good repair, and appear to be in compliance with permit requirements. Maintenance of WSF #1 is needed to ensure liner integrity is not being compromised. See photo log for details.

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

Milking parlor wash water at the Dairy is collected and mixed with the manure from the dairy barns in the collection & transfer systems. Any liquid from this system is eventually stored in WSF #1.

### Feed Storage Area Runoff (Photos on pages 16-26)

There is 1 Feed Storage Areas (FSA) located on the farm. The facility is located in the southeast corner of the Main Dairy site and is divided into 2 distinct watersheds . The bunkers and large feedpad currently slope to the southeast and flow towards the vegetated treatment area & the smaller 2022 feedpad expansion flows east towards WSF #3.

FSA-S: This feed storage area is the majority of the facility & consists of a series of bunkers along with a large concrete lined pad. This FSA is approximately 3 acres in size. Surface drainage of leachate and runoff from the bunkers & feedpad generally flows southeast and is directed to an earthen runoff collection channel along the south edge of the FSA. At the east end of the earthen channel, there is a surface inlet grate & tank used to pump leachate and first flush runoff to WSF #1 for long term storage. Additional runoff is directed to the vegetated treatment area (VTA) via a concrete channel & concrete spreader bar. The VTA flows generally in an southerly direction across a cropped field.

At the time of inspection the FSA was in good working condition and the runoff collection system appeared to be functional, although it was in need of maintenance. The earthen channel was overgrown with vegetation and ponded runoff was observed on the concrete spreader. Overgrown vegetation was observed on the downstream edge of the spreader bar likely causing the runoff to remain ponded on the spreader bar.

FSA-N: The 2022 FSA expansion is located in the northeast corner of the FSA. This portion was constructed in 2022 and is approximately 0.5 acres in size. Runoff from the area flows east into WSF #3. There is a clean water diversion along the south side of FSA-N which is used to convey clean stormwater away from the runoff collection systems. This is designed to capture runoff from the plastic tarps that cover the piles of feed, but not any of the contaminated runoff from under the tarps.

At the time of inspection the runoff collection system appeared to be good working order.

Except as noted above, the feed storage area and runoff control system is well-maintained, in good repair and appear to be in compliance with permit requirements.

### Ancillary Service Areas (Photos on pages 26-30)

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.).

The farm does have 1 active CAFO outdoor vegetated area as part of their operation. This area is located south of WSF #2 & the heifer barn at the Heifer Hill site and is approximately 8 acres in size. This area is used by animals housed in the heifer barn when conditions allow. There is a fenced earthen lane along the south edge of the heifer barn that is void of vegetation, but otherwise the pasture was well vegetated. Previously there was also a pasture at the Main Dairy north of WSF #1, but that area is currently not in use.

### Animal Mortality Disposal

Mortalities are picked up daily as needed by the local rendering facility of OJ Krull.

### RECORDS REVIEW (Photo on page 31)

The permittee has current WPDES Permit and Nutrient Management Plan onsite, is located in 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 offered to provide land application records to demonstrate compliance with nutrient management plan requirements, but they were reviewed.

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.

<b>Photo #:</b>	1
<b>Date/Time of Photo:</b>	8/12/2025 09:56
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Outdoor Lot



**Photo Description:**  
Standing on the south side of outdoor concrete lot looking northeast: View of east end of outdoor lot.

<b>Photo #:</b>	2
<b>Date/Time of Photo:</b>	8/12/2025 09:56
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Outdoor Lot



**Photo Description:**  
Standing on the south side of outdoor concrete lot looking west: View of bedded pack pens, litter alley & drive by feeding rail.

<b>Photo #:</b>	3
<b>Date/Time of Photo:</b>	8/12/2025 09:58
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Outdoor Lot



**Photo Description:**  
Standing on west end of outdoor lot looking east: View of western end of litter alley. Arrows indicate direction of runoff flow.

<b>Photo #:</b>	4
<b>Date/Time of Photo:</b>	8/12/2025 09:59
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Outdoor Lot



**Photo Description:**  
Standing on the southwest corner of outdoor lot looking northeast: View of west end of concrete lot. Arrows indicate direction of runoff flow.

<b>Photo #:</b>	5
<b>Date/Time of Photo:</b>	8/12/2025 09:58
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Outdoor Lot

**Photo Description:**  
Standing on the west end of outdoor lot looking south: View of west end of outdoor lot where runoff flows directly into WSF #2.



<b>Photo #:</b>	6
<b>Date/Time of Photo:</b>	8/12/2025 10:21
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy WSF #1

**Photo Description:**  
Standing on the east side of WSF #1 looking west: View of southeast corner of WSF #1. Notice abundant vegetation.



<b>Photo #:</b>	7
<b>Date/Time of Photo:</b>	8/12/2025 10:21
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy WSF #1
<b>Photo Description:</b>	Standing on the east side of WSF #1 looking northwest: View of northeast corner of WSF #1.



<b>Photo #:</b>	8
<b>Date/Time of Photo:</b>	8/12/2025 10:22
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy WSF #1
<b>Photo Description:</b>	Standing on north side of WSF #1 looking south: View of east end of WSF #1.



<b>Photo #:</b>	9
<b>Date/Time of Photo:</b>	8/12/2025 10:23
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy WSF #1
<b>Photo Description:</b>	Standing on the north side of WSF #1 looking west: View of western 1/2 of WSF #1.



<b>Photo #:</b>	10
<b>Date/Time of Photo:</b>	8/12/2025 10:25
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy WSF #1
<b>Photo Description:</b>	.Standing on the north side of WSF #1 looking southeast & down. View of sand separation building outlet pipe as it enters WSF #1. Permanent markers are concrete ledges built into the agitation pad just west of this, but are covered by vegetation.



<b>Photo #:</b>	11
<b>Date/Time of Photo:</b>	8/12/2025 09:58
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill WSF #2



**Photo Description:**  
Standing on the north side of WSF #2 looking southeast: View of southeast corner of WSF #2.

<b>Photo #:</b>	12
<b>Date/Time of Photo:</b>	8/12/2025 09:59
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill WSF #2



**Photo Description:**  
.Standing on east side of WSF #2 looking west: View of north side of WSF #2.

<b>Photo #:</b>	13
<b>Date/Time of Photo:</b>	8/12/2025 10:01
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill WSF #2

**Photo Description:**  
Standing on the east side of WSF #2 looking north: View of east edge of WSF #2.



<b>Photo #:</b>	14
<b>Date/Time of Photo:</b>	8/12/2025 10:01
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill WSF #2

**Photo Description:**  
Standing on the south side of WSF #2 looking west: View of south edge of WSF #2.



<b>Photo #:</b>	15
<b>Date/Time of Photo:</b>	8/12/2025 10:01
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill WSF #2



**Photo Description:**  
Standing on the south side of WSF #2 looking north: View of permanent markers for WSF #2. Marker elevations are at or near the bottom of the indicated posts.

<b>Photo #:</b>	16
<b>Date/Time of Photo:</b>	8/12/2025 09:58
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Solids Stacking



**Photo Description:**  
Standing on the west end of the outdoor lot looking north: View of solid manure stacking area on west end of outdoor lot. Notice runoff flowing directly towards WSF #2.

<b>Photo #:</b>	17
<b>Date/Time of Photo:</b>	8/12/2025 10:27
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Sand Building



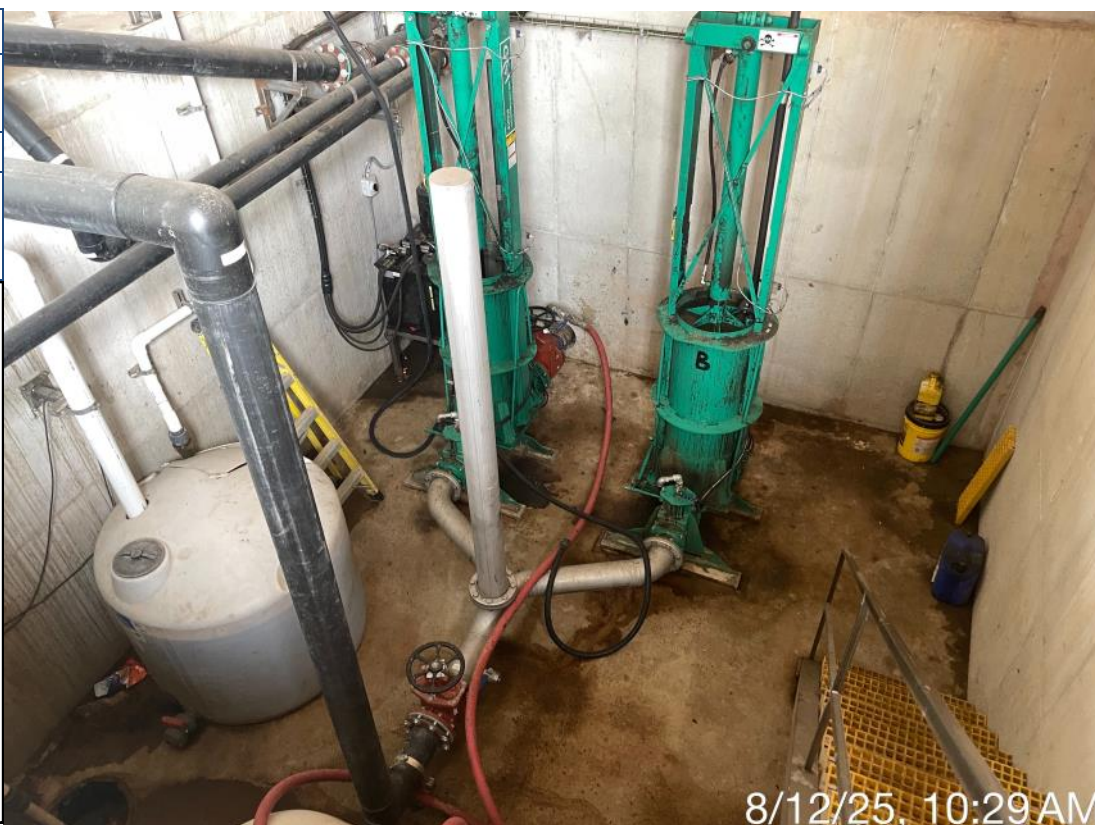
**Photo Description:**  
Standing on the west side of sand separation building looking north: View of reception tank used to join and mix all manure sources prior to sand separation system.

<b>Photo #:</b>	18
<b>Date/Time of Photo:</b>	8/12/2025 10:27
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Sand Building



**Photo Description:**  
Standing inside sand separation building looking north: View of Stjernholm sand separator.

<b>Photo #:</b>	19
<b>Date/Time of Photo:</b>	8/12/2025 10:29
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Sand Building



**Photo Description:**

Standing inside the sand separation building looking west & down: View of hydraulic pumps used to transfer manure from mixing tank in photo 17 to the separation equipment.

<b>Photo #:</b>	20
<b>Date/Time of Photo:</b>	8/12/2025 10:30
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Sand Building



**Photo Description:**

Standing inside the sand storage building looking west: View of the interior of the sand storage building. Notice the 3 augers used to convey recycled sand from the Stjernholm system to the storage building.

<b>Photo #:</b>	21
<b>Date/Time of Photo:</b>	8/12/2025 10:08
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S



**Photo Description:**  
Standing on the south side of FSA looking west: View of southwest corner of FSA. Arrow indicated direction of runoff flow.

<b>Photo #:</b>	22
<b>Date/Time of Photo:</b>	8/12/2025 10:08
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S



**Photo Description:**  
Standing on the south side of FSA looking east: View of south edge of FSA in front of bunkers. Arrow indicated direction of runoff flow.

<b>Photo #:</b>	23
<b>Date/Time of Photo:</b>	8/12/2025 10:09
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S

**Photo Description:**  
Standing on the south side of FSA looking north: View of a bunker. Notice floor is pitted, but no major cracking.



<b>Photo #:</b>	24
<b>Date/Time of Photo:</b>	8/12/2025 10:09
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S

**Photo Description:**  
Standing on the south side of the FSA looking north: View of another bunker east of photo #23. Again notice floor is pitted but no major cracking.



<b>Photo #:</b>	25
<b>Date/Time of Photo:</b>	8/12/2025 10:09
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S



**Photo Description:**  
Standing on the south side of FSA looking north: View of eastern most bunker.

<b>Photo #:</b>	26
<b>Date/Time of Photo:</b>	8/12/2025 10:09
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S



**Photo Description:**  
Standing on the south side of the FSA looking west: View of south edge of FSA used as runoff collection channel. Arrows indicate direction of runoff flow.

<b>Photo #:</b>	27
<b>Date/Time of Photo:</b>	8/12/2025 10:09
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S

**Photo Description:**

Standing on the south side of FSA looking north: View of the west edge of the feedpad east of the commodity shed.



<b>Photo #:</b>	28
<b>Date/Time of Photo:</b>	8/12/2025 10:17
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S

**Photo Description:**

.Standing on the east side of the FSA looking west: View of the north edge of the feedpad. Blue arrows represents clean water diversion in between the 2 pads.



<b>Photo #:</b>	29
<b>Date/Time of Photo:</b>	8/12/2025 10:17
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S
<b>Photo Description:</b>	Standing on the east end of FSA looking west: View of east end of feedpad.



<b>Photo #:</b>	30
<b>Date/Time of Photo:</b>	8/12/2025 10:10
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S
<b>Photo Description:</b>	.Standing on the south side of FSA looking southeast: View of south edge of FSA where runoff flows off pad into runoff collection system.



<b>Photo #:</b>	31
<b>Date/Time of Photo:</b>	8/12/2025 10:10
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S

**Photo Description:**  
Standing at the west end of the runoff collection channel shown in photo #30 looking east: View of vegetated runoff channel on south side of FSA.



<b>Photo #:</b>	32
<b>Date/Time of Photo:</b>	8/12/2025 10:11
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S

**Photo Description:**  
Alternate view of runoff collection channel shown in photo #31 a little further east.



<b>Photo #:</b>	33
<b>Date/Time of Photo:</b>	8/12/2025 10:14
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S



**Photo Description:**

Standing at the east end of runoff collection channel looking northwest: View of first flush collection system. Notice grate for collection system is partially plugged.

<b>Photo #:</b>	34
<b>Date/Time of Photo:</b>	8/12/2025 10:14
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage S



**Photo Description:**

Standing at southeast corner of concrete spreader pad looking north: View of spreader pad control box directly south of first flush system shown in photo #33. Spreader pad outlet pipe & emergency overflow weir highlighted.

<b>Photo #:</b>	35
<b>Date/Time of Photo:</b>	8/12/2025 10:14
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy FSA VTA
<b>Photo Description:</b>	Standing at the east end of concrete spreader pad looking west: View of east end of spreader pad and notched distribution wall. Notice built up vegetation on back side of wall is ponding runoff on the pad.



<b>Photo #:</b>	36
<b>Date/Time of Photo:</b>	8/12/2025 10:12
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy FSA VTA
<b>Photo Description:</b>	Standing on the west end of concrete spreader pad looking southeast: View of west end of spreader pad. Notice built up vegetation on back side of wall is ponding runoff on the pad.



<b>Photo #:</b>	37
<b>Date/Time of Photo:</b>	8/12/2025 10:13
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy FSA VTA



**Photo Description:**

Standing on the south side of spreader bar looking east: View of area directly downstream of spreader bar. Notice small area of ponding and burnt out vegetation.

<b>Photo #:</b>	38
<b>Date/Time of Photo:</b>	8/12/2025 10:13
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy FSA VTA



**Photo Description:**

Standing on the south side of spreader bar looking south: View of vegetated treatment area. Notice majority of VTA is well vegetated with no sign of current or past discharge.

<b>Photo #:</b>	39
<b>Date/Time of Photo:</b>	8/12/2025 10:17
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage



**Photo Description:**

Standing at east end of FSA looking west: View of clean water diversion channel in between the 2 feedpads. Water from on top of the plastic is routed to this channel.

<b>Photo #:</b>	40
<b>Date/Time of Photo:</b>	8/12/2025 10:18
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage N



**Photo Description:**

Standing on the east end of FSA looking west: View of 2022 FSA expansion on north edge of FSA. This part of FSA has a separate runoff collection system and does not flow to VTA.

<b>Photo #:</b>	41
<b>Date/Time of Photo:</b>	8/12/2025 10:18
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Feed Storage N



**Photo Description:**  
Standing at the east edge of FSA looking north: View of runoff collection basin for 2022 FS expansion. No markers present.

<b>Photo #:</b>	42
<b>Date/Time of Photo:</b>	8/12/2025 10:02
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Pasture



**Photo Description:**  
Standing on the west side of heifer barn looking west: View of earthen lane used to convey animals out to remainder of outdoor vegetated area.

<b>Photo #:</b>	43
<b>Date/Time of Photo:</b>	8/12/2025 10:02
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Pasture



**Photo Description:**  
Standing on west side of heifer barn looking east: View of earthen lane along south edge of barn used by cattle to access outlying portions of outdoor CAFO vegetated area

<b>Photo #:</b>	44
<b>Date/Time of Photo:</b>	8/12/2025 10:04
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Pasture



**Photo Description:**  
Standing on the east side of heifer barn looking southwest: view of outdoor vegetated area south of heifer barn. Notice most of the area is well vegetated.

<b>Photo #:</b>	45
<b>Date/Time of Photo:</b>	8/12/2025 10:04
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Pasture
<b>Photo Description:</b>  Standing east of the heifer barn looking south: View of outdoor vegetated area southeast of heifer barn along Village Road.	



<b>Photo #:</b>	46
<b>Date/Time of Photo:</b>	8/12/2025 10:26
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Pasture
<b>Photo Description:</b>  Standing on east side of freestall barns looking east: View of inactive pasture east of barns & north of WSF #1. Area is well vegetated.	



<b>Photo #:</b>	47
<b>Date/Time of Photo:</b>	8/12/2025 10:06
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Stormwater
<b>Photo Description:</b>  Standing on south side of freestall barns looking southeast: View of stormwater collection area along breezeway to dry cow barn. Stormwater surface inlet highlighted.	



<b>Photo #:</b>	48
<b>Date/Time of Photo:</b>	8/12/2025 10:26
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Stormwater
<b>Photo Description:</b>  Standing on north side of WSF #1 looking west & up: View of gutters on south side of south freestall barn used to keep stormwater from flowing into WSF #1.	



<b>Photo #:</b>	49
<b>Date/Time of Photo:</b>	8/12/2025 10:27
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Stormwater
<b>Photo Description:</b>	
Standing on south side of sand building looking west: View of stormwater detention basin on between freestall barns & sand building.	

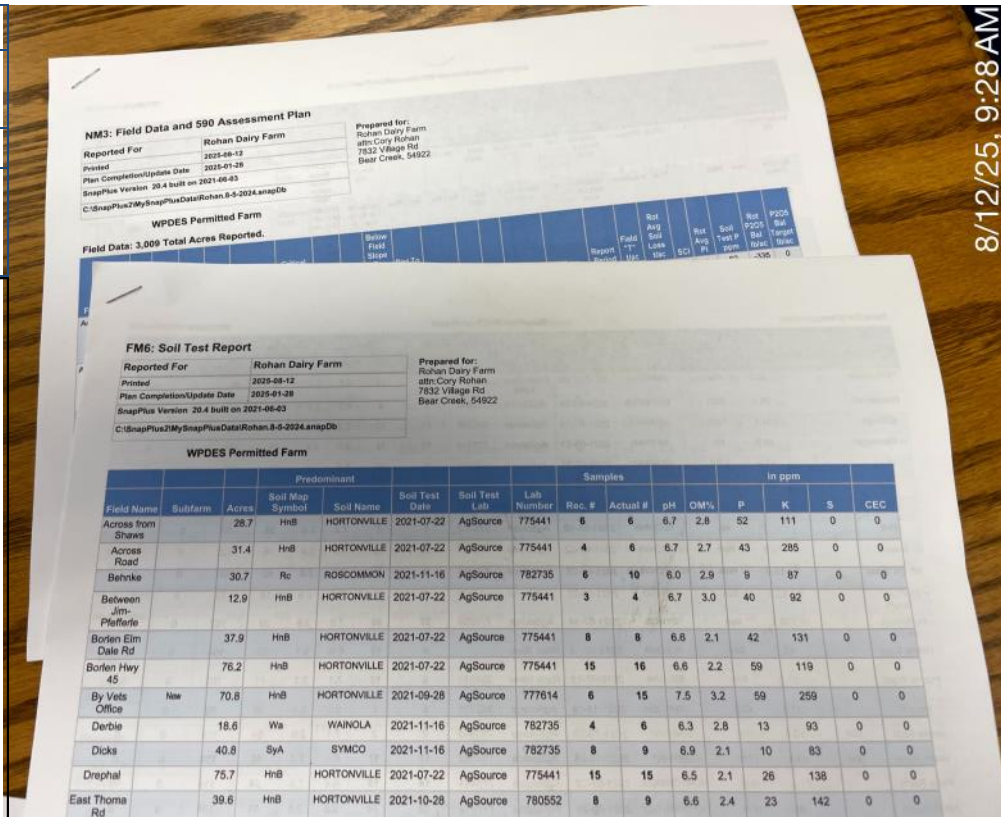


<b>Photo #:</b>	50
<b>Date/Time of Photo:</b>	8/12/2025 10:34
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Stormwater
<b>Photo Description:</b>	
Standing on west side of freestall barns looking east: View of stormwater collection area between barn & parlor.	



<b>Photo #:</b>	51
<b>Date/Time of Photo:</b>	8/12/2025 09:28
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Office Records

**Photo Description:**  
View of NMP related records kept in the office.



8/12/25, 9:28 AM

<b>Photo #:</b>	52
<b>Date/Time of Photo:</b>	8/12/2025 09:54
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Well Location

**Photo Description:**  
Standing on west side of parlor looking southwest: View of water supply well located in trees.



8/12/25, 9:54 AM

<b>Photo #:</b>	53
<b>Date/Time of Photo:</b>	8/12/2025 10:07
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Main Dairy Well Location
<b>Photo Description:</b>  Standing on the west side of dry cow barn looking southwest: View of water supply well near driveway.	



<b>Photo #:</b>	54
<b>Date/Time of Photo:</b>	8/12/2025 11:30
<b>Photo By:</b>	Brian Hanson
<b>Photo Location:</b>	Heifer Hill Well Location
<b>Photo Description:</b>  Standing on north side of heifer barn looking southwest: View of water supply well location on north side of heifer barn.	



## **SUMMARY:**

### Areas of Concern

- The pasture at Heifer Hill site has some areas void of vegetation. Aerial photos indicate there may be some erosion occurring in these areas. Continue to manage pasture to promote vegetation growth to minimize erosion concerns.
- WSF #1 has excessive vegetation growth along the top of the berm and the interior side slopes. Failure to control this vegetation may have a negative effect on the integrity of the earthen liner. Perform maintenance activities to control this vegetation.
- Feed Storage runoff controls are in need of maintenance activities. The earthen channel is overgrown with vegetation. The inlet grate for the leachate collection tank was partially plugged. There is also excessive vegetation present on the downstream side of the spreader bar causing ponded runoff to remain on the spreader bar after precipitation events. Mow or regrade these areas to ensure runoff controls operate as designed.
- A safety fence and MOL/MOS markers were not observed in WSF #3—Leachate Basin. Install missing items.

### Action Items

- Submit permit reissuance application by 2/1/2026.
- Perform necessary maintenance to WSF #1, WSF #3, & FSA runoff controls as outlined above. Provide photo evidence when completed.
- If you choose to expand the solids stacking pad at the Heifer Hill site, submit engineering plans & specs for approval prior to construction.

### Required in Next Permit Term

- Possible evaluation of south feed storage runoff controls, specifically the use of an earthen channel and vegetated treatment area.

### **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)