Permit Fact Sheet

General Information

Permit Number	WI-0067577-01-0
Permittee Name and Address	Wendt Dairy Farm 11525 Parkway Road, Pound, WI 54161
Permitted Facility Name and Address	Wendt Dairy Farm 11525 Parkway Road, Pound WI in the NE¼ of T30N, R19E, Section 08
Permit Term	October 01, 2025 to September 30, 2030
Discharge Location	11525 Parkway Road, Pound, WI in the NE¼ of T30N, R19E, Section 08
Receiving Water	to South Branch Beaver Creek within the Little Peshtigo River Watershed, and groundwaters of the state
Discharge Type	New

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.)	20	0	60	0	12/30/2025
Milking and Dry Cows	714	729	1302	1330	12/30/2025
Heifers (400 lbs. to 800 lbs.)	90	150	180	300	12/30/2025
Heifers (800 lbs. to 1200 lbs.)	165	150	330	300	12/30/2025
Total	989	729	1872	1330	

Facility Description

Brief Facility Description: Wendt Dairy Farm is a new Concentrated Animal Feeding Operation (CAFO). Wendt Dairy Farm is owned and operated by Ryan Wendt. It currently has 989 animal units with a proposed animal unit of 1872. Based on current herd size Wendt Dairy has approximately 354 days of liquid manure storage with the proposed expansion Wendt Dairy will have 199 days of storage. Wendt Dairy will generate 15,584,720 gallons of liquid manure and process wastewater and 3,614 tons of solid manure annually. Wendt Dairy has a total of 1,825.5 acres available for land application of manure and process wastewater. Of this acreage, 1,013.8 acres are owned, and 811.7 acres are rented.

Substantial Compliance Determination

Enforcement During Last Permit: N/A, farm was previously not covered under a WPDES Permit.

Sample Point Designation for Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
001	WSF 1: Sample point 001 is for liquid waste storage facility 001 (WSF 1) located at the Dairy Site. WSF 1 is a liquid-tight concrete storage located on the western edge of the farm. The facility has a capacity of 1.5 million gallons and was constructed in 2015. This storage accepts manure and process wastewater from the free stall barns and milking parlor. WSF 1 was last evaluated in 2024 and is currently pending review.	
002	WSF 2: Sample point 002 is for liquid waste storage facility 002 (WSF 2) located at the Dairy Site. WSF 2 is a liquid-tight concrete storage located on the western edge of the farm. The facility has a capacity of 6 million gallons and was constructed in 2023. This storage accepts manure and process wastewater from the free stall barns and milking parlor. WSF 2 was last evaluated in 2024 and is currently pending review.	
003	Liquid solids: Sample point 003 is for any manure solids removed from bottom of liquid waste storage facilities. This includes manure-laden sand solids, manure fiber solids, etc. Representative samples shall be taken from each waste storage facility.	
004	Misc Solids: 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 bed pack, heifer bed pack, steer manure, etc. Representative samples shall be taken for each manure source type.	
005	Feed Storage Area & Runoff Control System: Sample point 005 is for visual monitoring and inspection of the feed storage area and associated runoff control system located at the main dairy farm. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program. An engineering evaluation of the feed storage area and runoff control system was submitted and is currently pending.	
006	Storm Water Runoff Control System: Sample point 006 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.	
007	Calf Hutch Area: Sample point 007 is for the calf hutch area currently does not have engineered runoff controls. Sample point 007 is for visual monitoring and inspection of the calf hutch area and associated runoff control system located at the main dairy site. Weekly inspections are required and shall be recorded according to monitoring program. Plans and specs for the runoff control system shall be submitted according to the Schedules section of the permit.	
008	WSF 3: Sample point 008 is for liquid waste storage facility 3 (WSF 3) is a proposed liquid-tight concrete storage to be located on the West side of the proposed feed storage area. The facility has a proposed capacity of 0.3 million gallons. This storage will accept process wastewater from the feed storage area. Plans and specs for this facility were approved by the department on May 1, 2025.	

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 354 months 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 1872 animal units, it is estimated that approximately 15,584,720 gallons of manure and process wastewater will be produced per year. The permittee owns *approximately* 1013.8 acres of cropland and rents about 811.7. Given the rotation commonly used by the permittee, 1787 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 permitee 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 (≥12% solids) on frozen or snow-covered ground during February and March.

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 008- WSF 3 - Leachate Basin

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

1.1.1 Changes from Previous Permit

N/A

1.1.2 Explanation of Operation and Management Requirements

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

1.2 Sample Point Number: 003- Liquid Solids; 004- 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

N/A

1.2.2 Explanation of Operation and Management Requirements

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

1.3 Sample Point Number: 005- Runoff Control System; 006- Storm Water Runoff, and 007- Calf Hutch Area

1.3.1 Changes from Previous Permit

N/A

1.3.2 Explanation of Operation and Management Requirements

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

2 Schedules

2.1 Emergency Response Plan

Required Action	Due Date
Develop Emergency Response Plan: Develop a written Emergency Response Plan within 30 days of permit coverage, available to the Department upon request.	11/01/2025

2.2 Monitoring & Inspection Program

Required Action	Due Date
Proposed Monitoring and Inspection Program: Consistent with the Monitoring and Sampling Requirements subsection, the permittee shall submit a proposed monitoring and inspection program within 30 days of the effective date of this permit.	11/01/2025

2.3 Annual Reports

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

Required Action	Due Date
Submit Annual Report #1: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2026
Submit Annual Report #2: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2027
Submit Annual Report #3: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2028
Submit Annual Report #4: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2029
Submit Annual Report #5: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2030
Ongoing Annual Reports: Continue to submit Annual Reports until permit reissuance has been completed.	

2.4 Nutrient Management Plan

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

Required Action	Due Date
Management Plan Submittal: Submit any necessary updates to the Nutrient Management Plan to meet the conditions outlined in this permit (see conditions in the Livestock Operational and Sampling Requirements section).	
Submit NMP Update #1: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2026
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.	03/31/2027
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.	03/31/2028
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.	03/31/2029
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.	03/31/2030
Ongoing Management Plan Annual Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed.	

2.5 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	02/28/2030

2.6 Manure Storage Facility - Engineering Evaluation

Applicable to WSF 1 (Sample point 001) and WSF 2 (Sample point 002)

Required Action	Due Date
Written Report: Submit a written report evaluating the existing manure storage facility's ability to meet the conditions in the Production Area Discharge Limitations and Manure and Process Wastewater Storage subsections and s. NR 243.15, Wis. Adm. Code. (See Standard Requirements for report details.)	12/31/2025
Plans and Specifications: If the engineering evaluation identifies any adverse conditions; submit plans and specifications for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code, to permanently correct any adverse manure storage conditions.	12/31/2026
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	08/31/2027

Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	

2.7 Feed Storage - Engineering Evaluation

Required Action	Due Date
Written Description of Existing System: Submit an engineering evaluation that includes a written description of the existing feed storage area and its adequacy to meet the conditions found in the Production Area Discharge Limitations subsection and NR 243.15, Wis. Adm. Code.	12/31/2025
Plans and Specifications: If the engineering evaluation identifies any adverse conditions; submit plans and specifications for Department review and approval to permanently correct any adverse conditions identified as part of the engineering evaluation for the feed storage area in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code.	12/31/2026
Corrections and Post Construction Documentation: Complete construction of improvements to permanently correct any adverse conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	08/31/2027

2.8 Runoff Control System - Installation

Applicable to calf hutch area also known as sample point 007

Required Action	Due Date
Plans and Specifications: Submit plans and specifications for a permanent _____runoff control system for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code. See Standard Requirements for plan content information.	12/31/2026
Complete Installation: Complete construction of runoff control system. System shall be functional and in operation by the specified Date Due. Post construction documentation shall be submitted within 60 days of completion of the project.	08/31/2027

2.9 Explanation of Schedules

- Emergency Response Plan, Monitoring and Inspection Program – Schedules consistent with permit requirements. Annual Reports, Nutrient Management Plan, Submit Permit Reissuance Application - Schedules consistent with permit requirements.
- Schedule item 2.6 is a written report evaluating the existing manure storage facility's ability to meet the conditions in the Production Area Discharge Limitations and Manure and Process Wastewater Storage subsections and s. NR 243.15, Wis. Adm. Code. The evaluations have been submitted and are currently pending review.

- Schedule item 2.7 is an engineering evaluation that includes a written description of the existing feed storage area and its adequacy to meet the conditions found in the Production Area Discharge Limitations subsection and NR 243.15, Wis. Adm. Code. The evaluation has been submitted and is currently pending review.
- Schedule item 2.8 is for plans and specifications for a permanent runoff control system for the calf hutch area for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code.

Attachments

Map(s)

Plan Approval Letter(s)

- 4/11/2025 – Days of Storage Review
- 4/15/2025 – Conditional Approval of Wendt Dairy Farm Nutrient Management Plan

Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit reissuance

Prepared By: Makayla Jacobs **Agricultural Runoff Management Specialist** **Date: 7/21/2025**

State of Wisconsin
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April 11, 2025

FILE REF: R-2025-0037
WPDES Permit #: WI-0063274

Ryan Wendt
Wendt Dairy Farm
11688 Parkway Road
Pound, WI 54161

Subject: Days of Storage Review for Wendt Dairy Farm, NE¼ of T30N, R19E, Section 08 in Brazeau Township, Oconto County – NO ADDITIONAL ACTION REQUIRED

Dear Ryan Wendt:

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 Douglas Gatrell, GHD Services, Inc. on January 30, 2025 on behalf of Wendt Dairy Farm.

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 Wendt Dairy Farm has 354 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 989. The farm is proposing to increase herd size to 1,872 animal units, expand the existing feed storage area, update the leachate collection system, install a solids stacking pad, and install a calf hutch area runoff collection system. The liquid waste volumes are based on the NRCS spreadsheet and other estimated or calculated values for a collection period of 365 days. The proposed leachate collection system will collect and transfer all silage leachate and precipitation runoff up to the 25-yr 24-hr storm from the existing and proposed feed storage areas to WSF 1 and a proposed leachate attenuation basin (LAB). All runoff from the proposed solids stacking pad and calf hutch pad up to the 25-yr 24-hr storm will be collected in WSF 2. Under the described proposed conditions, Wendt Dairy Farm is projected to have 199 days of liquid waste storage.

Existing: Wendt Dairy Farm

Total Annual Liquid Waste Volume (NRCS Table Values)	
Liquids Collected/Stored	Annual Gallons
Manure and Bedding	5,982,350
Feed Storage Leachate	63,580
Feedlot Runoff	1,292,514
Net Precipitation on Storage Surface(s)	1,441,963
TOTAL:	**8,780,407**

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	1,947,074		80,398	81,202	228,012	1,557,462
#2	7,857,933		210,972	81,202	604,203	6,961,556
					Total MOL Vol:	8,519,018
					Days of Storage:	**354**

Proposed: Wendt Dairy Farm

Total Annual Liquid Waste Volume (NRCS Table Values)	
Liquids Collected/Stored	Annual Gallons
Manure and Bedding	10,982,850
Feed Storage Leachate	149,600
Feedlot Runoff	2,821,707
Net Precipitation on Storage Surface(s)	1,533,566
Stacking Pad Runoff Collected	50,973
Calf Hutch Pad Runoff Collected	137,627
TOTAL:	**15,676,323**

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	1,947,074		80,398	81,202	228,012	1,557,462
#2	7,857,933		210,972	104,900	604,203	6,937,858
#3	295,873		18510	192143	50,926	34,294
					Total MOL Vol:	8,529,614
					Days of Storage:	**199**

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

NOTICE OF APPEAL RIGHTS

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

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

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

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

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April 15, 2025

Oconto County
Approval

Ryan Wendt
Wendt Dairy Farm
11688 Parkway Road
Pound, WI 54161

SUBJECT: Conditional Approval of Wendt Dairy Farm Nutrient Management Plan, WPDES Permit No. 0067577-01-0

Dear Ryan Wendt:

After completing a review of Wendt Dairy Farm 2025-2029 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 Wendt Dairy Farm 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 989 animal units (510 milking & dry cows, 300 heifers, and 100 calves). A planned herd size of 1872 animal units (930 milking & dry cows, 600 heifers, and 300 calves) in 2025.

2. Manure generation and spreading records indicate your herd will annually generate approximately 15,584,720 gallons of manure and process wastewater and 3,614 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 Wendt Dairy Farm currently has 1825.5 acres (1013.8 owned and 811.7 controlled through contracts, rental agreements or leases, or under manure agreements) of which 1787 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 2025-2029 Wendt Dairy Farm 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 #
GRANDMA JASHINSKY	SAPUTO CHEESE USA INC LENA	502	112175
GRAVEL PIT	OCONTO UTILITY COMMISSION WWTF	RF-1	55388

   Prior to any manure applications on these fields Wendt Dairy Farm 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 Wendt Dairy Farm 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: Wendt Dairy Farm is responsible for obtaining nutrient content values for all other wastes spread on any field in their NMP.

3. The following field is prohibited from receiving applications of manure or process wastewater, due to insufficient soil sampling density:
   - Oleck (46.2 acres)

   If Wendt Dairy Farm 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_4-N, percent NO_3-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_4^+) is greater than 75% of the total N, Wendt Dairy Farm may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

7. Wendt Dairy Farm shall record daily manure applications by using form “Wendt Manure Log.” These forms shall be retained at the farm and provided to the department upon request.

8. Wendt Dairy Farm 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 Report.

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, emergency applications of liquid manure and frozen liquid manure:
    - Baenen Back
    - Baenen Front
    - Behind Barn
    - Gary East
    - Graetz
    - Grain Bin North
    - Grain Bin South
    - Grandma Jashinsky
    - Hoffman
    - Hwy 64
    - Kussow
    - Patz

11. 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.

12. Winter applications of liquid manure shall only occur under emergency situations, after notifying the Department and receiving verbal approval.

13. 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

14. No headland stacking sites are approved.

MANURE & PROCESS WASTEWATER IRRIGATION

15. Irrigation of manure or process wastewater is prohibited.

SUBMITAL AND RECORDKEEPING REQUIREMENTS

16. A copy of this conditional approval shall be included in all future annual Nutrient Management Plan Updates in addition to the NR 243 and NRCS 590 checklists.

ITEMS FOR FUTURE CONSIDERATION

17. The animal unit to acreage ratio following the planned expansion exceeds 1:1, and the nutrient management plan utilizes greater than 90 percent of the spreadable acreage through the permit term. This can lead to overutilization of the land base and rising soil test P levels. It is recommended to monitor the soil nutrient content and adjust manure and fertilizer application rates, to ensure that fields do not build soil test P.

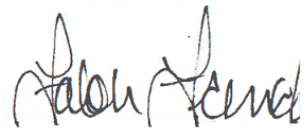
This conditional approval does not limit the Department's regulatory authority to require NMP revisions (based upon new information or manure irrigation research findings) or request additional information in order to confirm or ensure your farm operation remains in compliance with NR 243 and your WPDES 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 (608) 228-5265 or Falon.French@Wisconsin.gov.

Sincerely,



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

cc: Makayla Jacobs, WDNR Agricultural Runoff Management Specialist (makayla.jacobs@wisconsin.gov)
Joe B Baeten, WDNR Agricultural Runoff Supervisor (Joseph.Baeten@wisconsin.gov)
Christopher Clayton, WDNR Runoff Management Section Chief (Christopherr.Clayton@Wisconsin.gov)
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator (Aaron.Orourke@Wisconsin.gov)
Ashley Scheel, WDNR CAFO Nutrient Management Plan Reviewer (Ashley.Scheel@Wisconsin.gov)
Tabatha Davis, WDNR CAFO Review Engineer (tabatha.davis@wisconsin.gov)
Ariana Somma, WDNR CAFO Review Engineer (ariana.somma@wisconsin.gov)
Ken Dolata, Oconto County (ken.dolata@co.oconto.wi.us)
Sheri Denowski, Marinette County (Sheri.Denowski@marinettecountywi.gov)
Eric Paulson, United Cooperative (ericp@unitedcooperative.com)
File

CAFO Compliance Inspection Report

Inspection Date: 6/23/2025

Report Final Date: 7/21/2025

Operation Name: Wendt Dairy Farm

WPDES Permit #: Currently Not Permitted

Farm Address: 11525 Parkway Road, Pound WI

On-Site Representative(s): Ryan Wendt, owner

Report Author: Makayla Jacobs

Other Participating Agencies: Lexie Ludtke, GHD

Introduction

On Monday June 23, 2025 Jacobs met with Wendt & Ludtke at 9:00 at Wendt Dairy Farm site to go over the facility layout and construction that was in progress. This was a follow up inspection from the 12/3/2020 pre permit inspection in response to WPDES application being submitted on 1/30/2025. Liquid precipitation had fallen 2 days prior and the temperature was in the 80's and sunny. No violations of NR 151 were observed, and no water samples were collected. Jacobs departed at approximately 9:30.

Site Overview Diagram (Main Dairy)

Site Overview Diagram (Main Dairy)

SITE OBSERVATIONS :

Feedlot Runoff

There was previously feedlots but all have been abandoned.

Calf Hutch Areas

There is 1 small calf hutch area currently located on the farm at this time. It is located along the southern edge of WSF #1. Hutches are placed on a gravel base and do not have any runoff controls installed. The calf hutch area was well maintained and showed no signs of current or past discharges. While on site the farm discussed ways to add the runoff controls but they have not decided on what they want to do.

Waste Storage Facilities

There are 2 waste storage facilities located on the farm and 1 proposed leachate basin.

WSF 1 is located on the western edge of the farm. This storage facility is a concrete lined impoundment that was installed in 2015 with the help of the Oconto County LCD. This storage facility has an approximate volume of 1.5 million gallons and includes an access ramp in the southeast corner to aid in the removal of sand bedding solids which may settle out during storage.

WSF 2 is located to the west of WSF 1. This facility is a concrete lined impoundment that was built in 2022. It has an MOL of 7 million gallons and includes an access ramp on the northeast corner to aid in the removal of sand bedding and solids which may settle during storage.

WSF 3 (Leachate basin) is proposed to be a concrete lined structure with a MOL of 35,000 gallons. The leachate basin will be located at the northwest end of the feed storage area and will accept all process wastewater from the feed storage pad.

The proposed solid manure stacking pad to be located south of WSF 2. The proposed manure stacking pad will be 50 ft x 50 ft with a 6-inch thick steel reinforced concrete. The stacking pad will be sloped at center and north to transfer runoff towards the WSF 2. A 4-ft tall concrete push wall will be placed along the west and north section of the stacking area, with a 5 ft wide opening in the north end to allow drainage of the runoff.

All liquid manure & process wastewater from the free stall barn & parlor area is collected and pumped to WSF 1 for long term storage. Solid manure is scraped up as needed and land applied.

The liquid waste storage facilities are well-maintained and appear in good repair.

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

Milking parlor wash water at the dairy is collected and either pumped to WSF #1 or loaded directly into a manure spreader for land application.

Animal Mortality Disposal

Mortalities are picked up as needed by Circle R.

Feed Storage Area (FSA) Runoff

There is currently 1 feed storage area located on the farm. The feed storage area is approximately 1 acre in size and is located north of WSF #1. The feed storage area has a concrete liner and according to the farm has a crown in the middle so runoff from the bunkers flow in both directions. There were no runoff controls installed at the time of Inspection and ponded leachate & runoff was present along the west side of the feed storage area. Further observations showed that while runoff was present near the feed pad, it did not appear to be leaving the production area. The facility submitted plans and specs for expanding the feed pad, FSA runoff controls, and adding a leachate basin in April of 2025 and was approved by the department on May 1, 2025.

The proposed feed storage expansion will be added onto the north side of the current feed storage area. The proposed feed storage pad will be 300 ft x 250 ft (75,000 sq ft) with a 6-inch thick steel reinforced concrete working surface and will connect with the existing feed pad with a liquid tight connection. All runoff, will gravity flow north along the feed pad surface towards the leachate basin. Runoff will enter the leachate basin through a 15 ft wide concrete channel. Runoff will be transferred from the leachate basin to WSF 2 for long term storage.

Ancillary Service Areas

Preventative maintenance actions are occurring to minimize pollutant discharges from ancillary service and storage areas (i.e. storm water conveyance systems, driveways, etc.). At the time of the inspection, all stormwater channels were well vegetated. Farm should continue to manage these areas to minimize the chance of runoff from the production area.

Photo #:	1
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the east side of the calf hutch area looking west. View of calf hutch area.

Photo #:	2
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

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

Photo #:	3
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

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

Photo #:	4
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

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

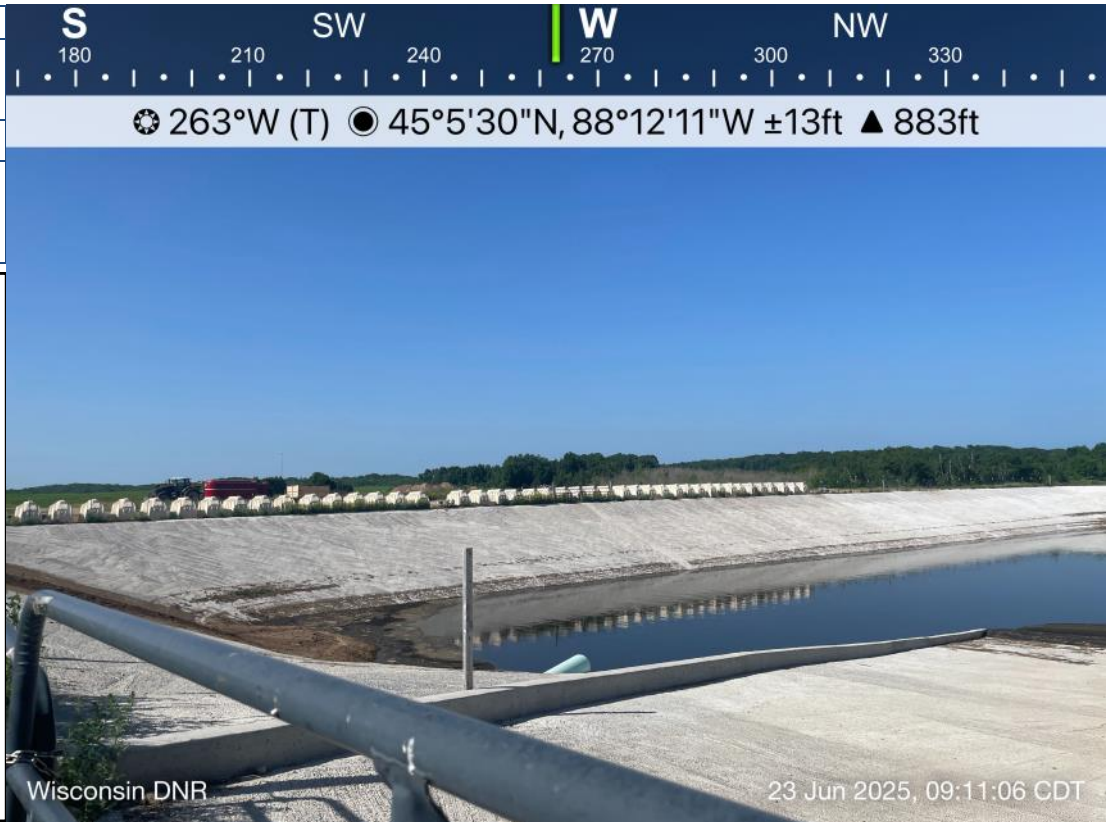


Photo #:	5
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

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

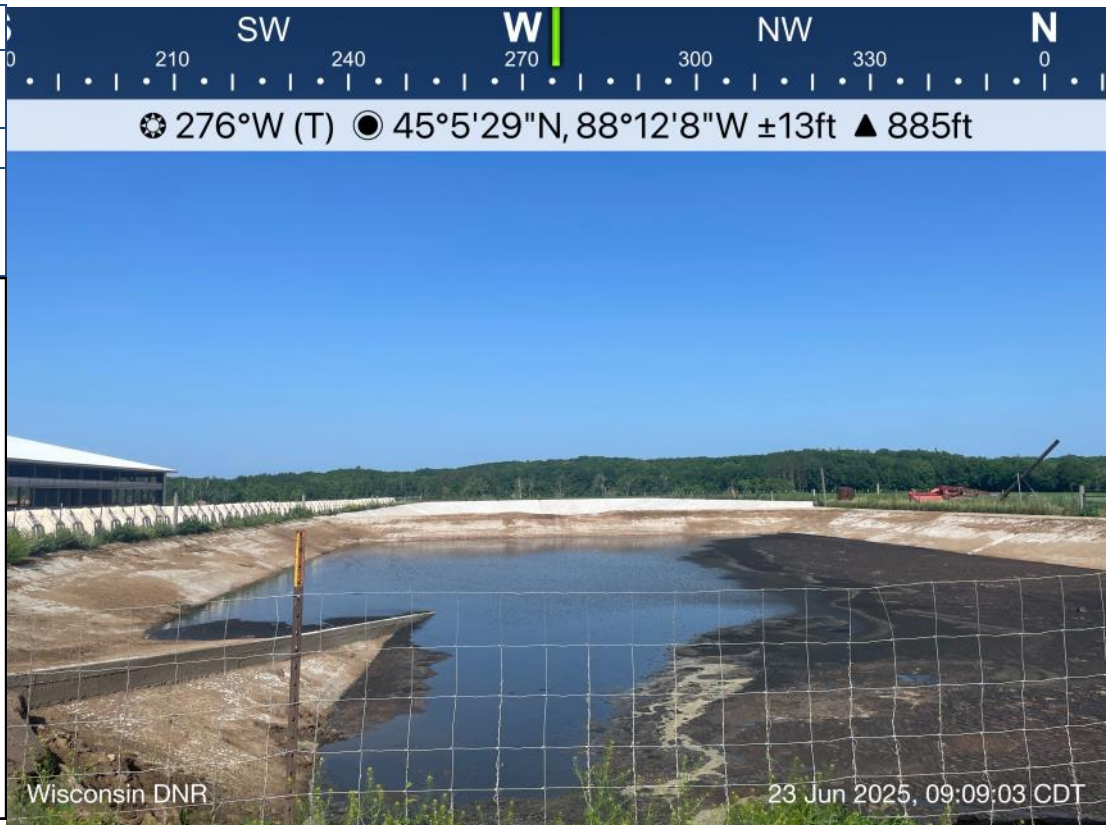


Photo #:	6
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

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

Photo #:	7
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the west side of the FSA looking north. View of leachate ponding in the northwest corner.

Photo #:	8
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

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

Photo #:	9
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the east side of the heifer barn looking west. View of heifer barn.

Photo #:	10
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the east side of the heifer barn looking west. View of heifer barn.

Photo #:	11
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

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

Photo #:	12
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

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

Photo #:	13
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the north side of the FSA looking north. Farm plans on expanding the FSA in this direction.

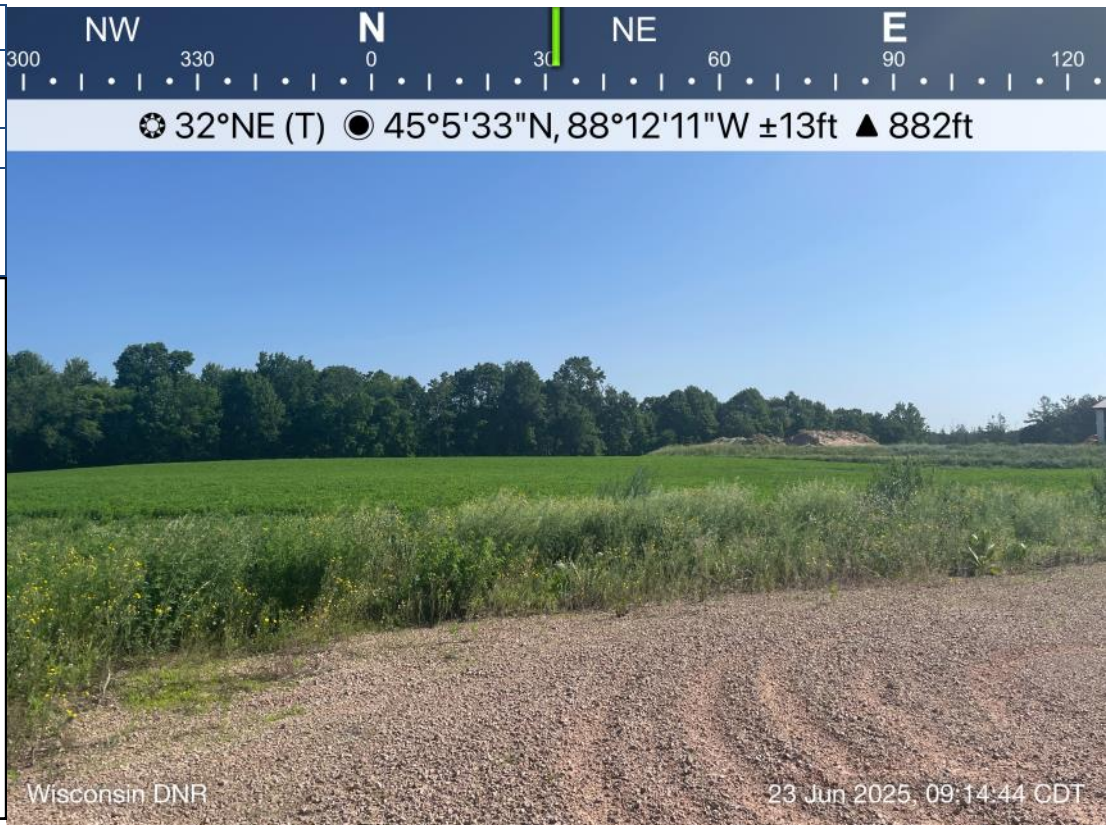


Photo #:	14
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the south side of the parlor looking northwest. View of new barn construction.

Photo #:	15
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the south side of the parlor looking south. View of new barn construction.

Photo #:	16
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the south side of the parlor looking west. View of new barn construction.

Photo #:	17
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the south end of the freestall barn looking south. View of sand piles from construction.

Photo #:	18
Date/Time of Photo:	6/23/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the south side of the parlor looking north. View of barn construction.

SUMMARY:

Substantial Compliance

Wendt Dairy does not have a WPDES permit at this time, therefore a substantial compliance determination is not needed.

Areas of Concern

Feed stored without runoff controls could result in a process wastewater handling performance standard prohibition violation; NR 151.055(2) There may be no significant discharge of process wastewater to waters of the state. A discharge was not observed or suspected during the inspection.

Calf hutches without runoff controls and in close proximity to mapped waters of the state may result in a manure management performance standard prohibition violation; NR 151.08(4) A livestock operation shall have no direct runoff from manure into the waters of the state. A discharge was not observed or suspected during the inspection.

Permit Violations

Wendt Dairy Farm is currently not covered by a WPDES Permit. No violations of NR 151 were observed during the inspection.

Possible Schedule to be Included in First Permit Term

- Construction of runoff controls for the feed storage area.
- Submittal of plans and specs of runoff controls for the calf hutch area.
- Other actions in response to the departments review of the required engineering evaluations.