

Permit Fact Sheet

General Information

Permit Number	WI-0064611-03-1
Permittee Name	Hickory Lawn Dairy Farm
Address	N2957 Hickory Grove Rd, Cascade, WI 53011
Permit Term	December 01, 2025 to January 31, 2028
Discharge Location	Unnamed tributaries to the North Branch Milwaukee River Watershed and groundwater of the state

Animal Units					
Animal Type	Current AU		Proposed AU (Note: If all zeroes, expansions are not expected during permit term)		
	Mixed	Individual	Mixed	Individual	Date of Proposed Expansion
Dairy Calves (under 400 lbs.)	48	0	0	0	
Milking and Dry Cows	1120	1144	0	0	
Heifers (400 lbs. to 800 lbs.)	144	240	0	0	
Heifers (800 lbs. to 1200 lbs.)	264	240	0	0	
Total	1576	1144	0	0	

Facility Description

Hickory Lawn Dairy Farm is an existing Concentrated Animal Feed Operations (CAFO) for dairy cattle located in the Town of Mitchell in Sheboygan County, Wisconsin. Hickory Lawn Dairy Farm consists of one production site located at N2957 Hickory Grove Road Cascade, WI 53011 and is operated by Neal Schmidt. The site consists of three liquid waste storage facilities, one solid stacking pad, one feed storage area, a milking parlor, and barns.

The current herd size is 1,576 animal units. Approximately 11.5 million gallons of liquid manure and process wastewater, and 950 tons of solid manure is produced annually at the current herd size. Hickory Lawn Dairy Farm has approximately 206 days of waste storage capacity. Hickory Lawn Dairy Farm owns or rents 2,955 acres of cropland, of which approximately 2,875 acres are available for manure application. Hickory Lawn Dairy Farm submitted a permit modification application on August 21, 2025 to add sample point 015 (Solid Stacking Pad). Plans and specifications were submitted on July 11, 2023 and approved by the department on September 7, 2023. Only aspects of the action are subject to the public notice input process, this includes the addition of sample point 015.

Substantial Compliance Determination

Enforcement During Last Permit: None

After a desktop review of all Hickory Lawn Dairy Farm's land app reports, compliance schedule items, and a site visit on 7/16/2025, this facility has been found to be in substantial compliance with their current permit.

Compliance determination made by Jean Weaver (WDNR CAFO Specialist) on 9/24/2025.

Sample Point Descriptions

Sample Point Designation For Animal Waste		
Sample Point Number	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)	
001	WSF 5: Sample point 001 is for liquid waste storage facility 5 (WSF 5). WSF 5 is a concrete lined storage located on the south of barn L5. This facility has a capacity of 1,398,700 gallons and was constructed in 2001. This storage accepts manure and process wastewater from the freestall barns and feed storage area. This facility was last evaluated in 2011 and meets permit requirements.	
002	WSF 4: Sample point 002 is for liquid Waste Storage Facility 4 (WSF 4). This facility consists of a Weiser below-grade tank located below Barn L2. This facility has a capacity of 3.3 million gallons and was constructed in 1996. This facility was last evaluated in 2011 and meets permit requirements.	
003	WSF 3: Sample point 003 is for liquid Waste Storage Facility 3 (WSF 3). This facility consists of a Weiser below-grade tank and is located between the parlor and Barn L8. This facility has a capacity of 1 million gallons and was constructed in 1997. This facility was last evaluated in 2011 and meets permit requirements.	
007	Storm Water Runoff Controls: Sample point 007 is for visual monitoring and inspection of all production site storm water conveyance systems. This includes roof gutter and downspout structures, drainage tile systems, grassed waterways and other diversion systems that transport uncontaminated storm water. Proper operation and maintenance is required to keep uncontaminated runoff diverted away from manure and process wastewater handling systems. Weekly inspections are required and shall be recorded according to the monitoring program.	
010	Headland Stacking Sites: Sample point 010 is for solid manure, bedding, and waste feed stored at and directly land applied from Department approved headland stacking sites. Only sites that are approved by the Department and included in the Nutrient Management Plan can be utilized for headland stacking. See Section 1.4 of this permit for additional stacking requirements. Representative samples shall be taken of this manure prior to land application. Note: Headland stacking sites are subject to production site discharge limitations; weekly visual monitoring is required during use of stacking sites to ensure discharges meet permit requirements.	
012	Settled Solids: Sample point 012 is for manure solids removed from the 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.	
013	Miscellaneous Solid Manure: Sample point 013 is for solid manure sources that are directly land applied and not stored in a waste storage facility. This includes solid sources such as calf hutch manure, maternity pen bedpack, heifer bedpack, steer manure, etc. Representative samples shall be taken for each manure source type.	
014	North Feed Storage Area & Runoff Control System: Sample point 014 is for visual monitoring and inspection of the North Feed Storage Area and associated runoff control system located at the north end of the production site. Proper operation and maintenance is required to ensure discharges of process wastewater to waters of the state do not occur. Weekly inspections are required and shall be recorded according to the monitoring program.	

Sample Point Designation For Animal Waste		
Sample Point Number	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)	
015	Stacking Pad (Solids)- Sample point 015 is for solid manure land applied from the Solid Manure Stacking Pad located in the northeast corner of the production site. The pad is a concrete bunker constructed in 2024 that accepts solid bedding material (straw and sawdust) from Hickory Lawn's livestock barns.	

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 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 submitted to the Department for approval.

The permittee currently has approximately [206 days](#) of total waste storage capacity. The permittee must maintain 180 days of storage, unless temporary reductions in required storage are approved by the Department.

Solid Manure Stacking

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

Ancillary Service and Storage Areas

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

Nutrient Management

With 1,576 (1120 milking/dry cows, 408 Heifers, and 48 calves), it is estimated that approximately 11.5 gallons of manure and process wastewater and 950 tons of solid manure and litter will be produced per year. The permittee owns approximately 1,504 acres of cropland and rents about 1,451 acres. Given the rotation commonly used by the permittee, 2,875 acres are available (or open) to receive manure and process wastewater on an annual basis. The permit requires all landspreading of manure and process wastewater be completed in accordance with an approved nutrient management plan. The permit will require sampling and analysis of manure and process wastewater that will be landspread.

Landspreading rates must be adjusted based on sample analysis. The permit requires the permittee to maintain a daily log that documents landspreading activities. The permit also requires the submittal of an annual report that summarizes all landspreading activities. Plans must be updated annually to reflect cropping plans and other operational changes. Among the requirements, the plans must include detailed landspreading information including field by field nutrient budgets.

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

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

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

Monitoring and Sampling Requirements

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

Sampling Points

The permit identifies the different sources of land applied materials (e.g., manure storage facilities, milking centers, egg-washing facilities) as "Sampling Points." For these Sampling Points, the permittee is required to sample and analyze the different sources for nutrients and other parameters which serve as the basis for determining rates of application for these materials. Other areas are also identified as Sampling Points as a means of identifying them as areas requiring action by

the permittee, such as an upgrade or evaluation of a certain system or structure (e.g., runoff control systems), even though sampling is not actually required.

1.1 Sample Point Number: 001- WSF 5; 002- WSF 4; 003- WSF 3

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

1.1.1 Changes from Previous Permit

None.

1.1.2 Explanation of Operation and Management Requirements

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

1.2 Sample Point Number: 007- Storm Water Runoff Controls; 014- North Feed Storage Area

1.2.1 Changes from Previous Permit

None.

1.2.2 Explanation of Operation and Management Requirements

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

1.3 Sample Point Number: 010- Headland Stacking Sites; 012- Settled Solids; 013- Miscellaneous Solid Manure, and 015- Solid Manure Stacking Pad

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	

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

1.3.1 Changes from Previous Permit

Sample point 015 was added to the permit to account for the new stacking pad approved by the department September 7, 2023.

1.3.2 Explanation of Operation and Management Requirements

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

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.	03/01/2023

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.	03/01/2023

2.3 Annual Reports

Required Action	Due Date
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Submit Annual Report #1: Shall include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2024
Submit Annual Report #2: Shall include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2025
Submit Annual Report #3: Shall 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 #4: Shall 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 #5: Shall include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2028
Ongoing Annual Reports: Continue to submit Annual Reports until permit reissuance has been completed.	

2.4 Explanation of Schedules

2.5 Nutrient Management Plan

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).	02/01/2023
Management Plan Annual Update #1: Submit an Annual Update to the Nutrient Management Plan by March 31st of each year. Note: In addition to Annual Updates, submit Management Plan Amendments to the Department for written approval prior to implementation of any changes to nutrient management practices, in accordance with the Nutrient Management requirements in the Livestock Operational and Sampling Requirements section.	03/31/2023
Management Plan Annual Update #2: Submit an Annual Update to the Nutrient Management Plan.	03/31/2024
Management Plan Annual Update #3: Submit an Annual Update to the Nutrient Management Plan.	03/31/2025
Management Plan Annual Update #4: Submit an Annual Update to the Nutrient Management Plan.	03/31/2026
Management Plan Annual Update #5: Submit an Annual Update to the Nutrient Management Plan.	03/31/2027
Ongoing Management Plan Annual Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed.	

2.6 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	08/01/2027

2.7 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.
Other schedule items are required to comply with s. NR 243 WPDES permit conditions.

Attachments

Farm Sample Point Map
Solid Stacking Pad Plan Approval Letter
Public Notice

Justification Of Any Waivers From Permit Application Requirements

Reason for permit modification does not require a new 5-year NMP submittal or Days of Storage calculation.

Prepared By: Jean Weaver Agricultural Runoff Management Specialist

Date: 9/25/2025

Hickory Lawn Dairy Farm

Sample Point Map

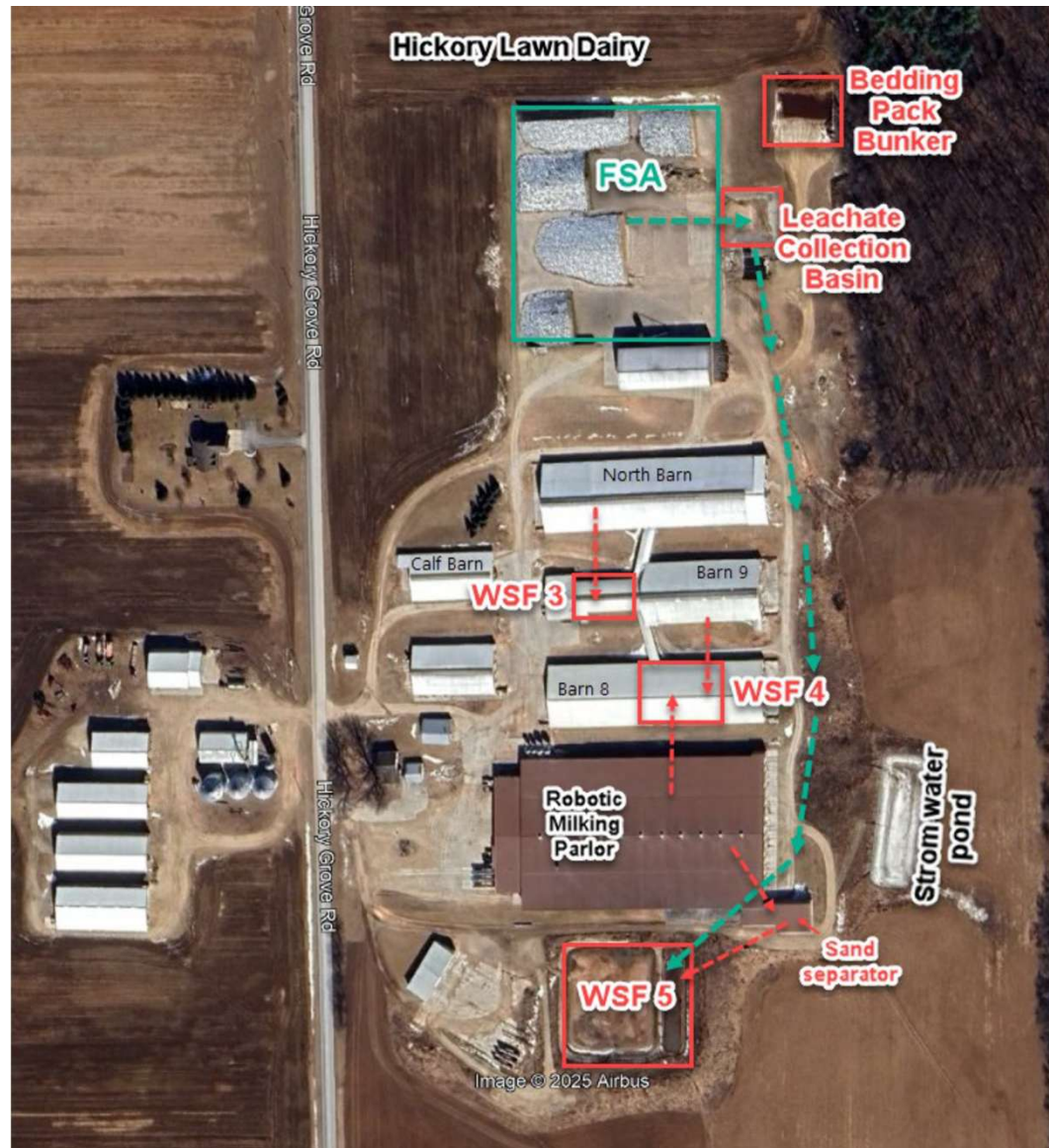
Sample Points

- | | | | | | |
|-----|-------|-----|--|-----|---------------------|
| 001 | WSF 5 | 003 | WSF 3 | 015 | Manure Stacking Pad |
| 002 | WSF 4 | 008 | North Feed Storage Area & Runoff Control Systems | | |

Sample Points – Facility Wide

- | | | | |
|-----|-----------------------------------|-----|----------------|
| 007 | Storm Water Runoff Control System | 012 | Settled Solids |
| 010 | Headland Stacking Solids | 013 | Solid Manure |







September 7, 2023

FILE REF: R-2023-0140
WPDES Permit #: WI-0064611

Jeremy Schmidt
Hickory Lawn Dairy Farm
N2957 Hickory Grove Road
Cascade, WI 53011

Subject: Conditional Approval of Plans & Specifications for a Bedding Pack Bunker at Hickory Lawn Dairy Farm in T14N, R20E, Section 26, Mitchell Township, Sheboygan County

Dear Mr. Schmidt:

This letter is to inform you that the Wisconsin Department of Natural Resources (Department) has reviewed and conditionally approves the above referenced plans and specifications, submitted under certification by James Roach, P.E., Roach & Associates and received on July 11, 2023 with clarifications received on August 30, 2023. The review was conducted in accordance with s. 281.41, Wis. Stats., chs. NR 151 and NR 243, Wis. Adm. Code, and applicable NRCS Standards. The attached engineering report describes the project, lists standards that apply and provides compliance analysis. Questions may be directed to the assigned regional staff or the review engineer Rob Davis (contact information is at the end of this letter).

Proposed Project: The proposed project includes the following facilities that are reviewable under s. NR 243.15, Wis. Adm. Code: Bedding Pack Bunker.

Conditions of Approval: The plans and specifications for project number R-2023-0140 are hereby approved and subject to chs. NR 151 and NR 243, Wis. Adm. Code, and the conditions listed below:

1. **Revisions:** If revisions are made to the approved plans and specifications, revised plans and specifications shall be submitted for approval modification, in accordance with ss. NR 108.03 and NR 108.04, Wis. Adm. Code, and s. 281.41(1)(c), Wis. Stats. Submit revised plans and specifications via the Department's e-Permitting System. **Note:** This includes revisions for local permitting. If a formal approval modification may not be warranted, contact the review engineer to confirm.
2. **Approval Period:** In accordance with ss. NR 243.15(1)(a)1., and NR 108.04(2)d., Wis. Adm. Code, if construction is not commenced within 2 years from the approval date, the approval is void, and a new approval must be obtained prior to commencing construction.
3. **Notification:** Prior to construction and when construction is complete, notify the Department's regional contact and county contact provided a copy of the approval (contact information is at the end of this letter).
4. **Inspection:** During the construction of critical components, inspection shall be performed by a Wisconsin registered professional engineer or other qualified third party (excludes the owner and construction contractor and their employees).
5. **Post-Construction Documentation:** In accordance with the permit, a post-construction report must be submitted to the DNR's e-Permitting website (<http://dnr.wi.gov/permits/water>) within 60 days of completing construction. The report must include documentation specified by s. NR 243.15(10), Wis. Adm. Code.

Limitation of Approval: The Department reserves the right to order changes or additions should conditions arise making this necessary. This approval is not to be construed as a determination on the issuance of a Wisconsin Pollutant Discharge Elimination System Permit or opinion as to the ability of the proposed system to comply with effluent limitations in such a permit, approval of an Environmental Impact Statement that may be prepared, or approval for any activities requiring a permit under chs. 30 or

31, Wis. Stats. Where necessary, plans and specifications should be submitted to the Department of Safety and Professional Services or other state or local agencies to ensure conformance with applicable codes or regulations of such agencies.

Tax Treatment: Tangible personal property, that becomes part of a waste treatment of pollution abatement plant or equipment, may be exempt from sales tax under s. 77.45(26), Wis. Stats. Similarly, property purchased or constructed as a waste treatment facility and used for industrial waste treatment may be exempt from general property taxes under s. 70.11(21), Wis. Stats. A prerequisite to exemption is filing a statement on prescribed forms. To obtain the forms, and information about this sales tax exemption, please contact the Department of Revenue, P.O. Box 8933, Madison, WI 53708, or check their website <http://www.revenue.wi.gov/>.

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
For the Secretary



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

Enclosures: Wisconsin DNR Engineering Report

Email: Jeremy Schmidt; Hickory Lawn Dairy Farm
(920) 838-4266; jeremynealschmidt@gmail.com

James Roach; Roach & Associates
(920) 833-6340; Jim@jmroach.com

Tyler Betry; Sheboygan County Conservationist
(920) 459-3060; tyler.betry@sheboygancounty.com

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

Victoria Ziegler; DNR, Southeast Region
(414) 391-8946; Victoria.Ziegler@wisconsin.gov

Michelle Scott; DNR, Southeast Region
(920) 252-0679; Michelle.Scott@wisconsin.gov

Rob Davis, P.E.; DNR, Central Office
(608) 225-2720; Robert.Davis@Wisconsin.gov

WISCONSIN DEPARTMENT OF NATURAL RESOURCES ENGINEERING REPORT**GENERAL INFORMATION****Farm Name:** Hickory Lawn Dairy Farm**WPDES Permit#:** WI-0064611**Location Address:** N2957 Hickory Grove Road, Cascade**DNR Project #:** R-2023-0140**Engineering Plans Certified by:****Initial Submittal:****Revised Submittal(s):**

James Roach, P.E.

July 11, 2023

NA

Site Assessment: Geographical features of the site include soils that are Theresa silt loam. The nearest stream is approximately 3,900 ft to the northwest and the nearest wetland is approximately 1,050 ft to the northeast of the proposed construction area. No karst features are known to exist within 1,000 ft of the proposed facilities or systems. No ground water supply wells are located within 250 feet of the proposed facilities or systems.

Soil investigations were performed on April 27, 2023 consisting of 3 test pits in the proposed project area, which found the primary subsoils consist of lean clay (CL), lean clay with gravel (CL), and silt with gravel (ML) with a fines content in the range of 37.1 to 37.6%. Bedrock was not found. Saturation was found, but at depths greater than the required separation distance of 2.5 feet. Perched water that was encountered in the test pits will be drained from the area using a curtain drain.

Proposed Facilities:

Manure Stacking Pad/Bedding Pack Bunker: The proposed design was submitted to meet with NRCS Standard 313 (10/17) and NRCS Standard 522 (06/21), Table 2, Column A and Table 2A, Column B. The design is compliant with s. NR 243.15(3), Wis. Adm. Code. The proposed bedding pack bunker will be located 97 ft east of the northeast corner of the existing feed storage area and 93 ft north of the existing detention basin that is along the east edge of the existing feed storage area. Below is a summary of what is proposed.

- The proposed manure stacking bunker will be 101.83 ft x 103.67 ft with a 7 inch thick steel reinforced concrete floor that is designed for vehicle loading. The concrete will be reduced seepage concrete with waterstop.
- The proposed stacking bunker will have 6 ft tall walls on 3 sides (east, west, and north) with a flat bottom at elevation 1087.0 and a 2 ft vertical ramp on the south side with a 10:1 slope to the bottom with the top of the ramp at 1089.0. The area at the south will be graded to drain clean water away from the stacking bunker.
- The walls will use NRCS Standard drawing WI-561 and will have 6 inch PVC waterstop placed between the floor and the walls to create a liquid tight connection.
- A 4 inch diameter socked perforated drain tile will be installed around the perimeter of the proposed bedding pack bunker as a curtain drain to drain perched water that was encountered. The perforated tile will connect to non-perforated tile that will gravity drain approximately 285 ft to the north.
- Rainfall from the 25 yr, 24 hr storm event will be contained in the bunker which has an internal containment volume and will be partially filled with non-saturated, absorbent straw. There will be no runoff from outside of the stacking bunker that will enter. The ramp will provide enough storage to fully contain the rainfall event without producing runoff. When rain falls, it will be absorbed by the straw. Any rain that is not absorbed or runs out of the straw will be mechanically worked back into the straw by turning the bunker contents over with a front end loader.

DAYS OF AVAILABLE LIQUID WASTE STORAGE: Liquid waste storage volumes will not be impacted with this proposed bedding pack bunker construction.

PURPOSE OF THIS REPORT: This report documents review of plans and specifications for each structure or practice indicated below, including findings regarding the structure or practice's compliance with applicable standards. The reviewer considered if management and site assessment were conducted, documented, and reflected in the final design, and if proper construction and related plans (operation and maintenance, inspection, erosion control if applicable) were provided, and demonstrated compliance with applicable rules standards.

DECISION RECOMMENDATION: Based on my review completed on August 30, 2023, the proposed plans and specifications meet ch. NR 243, Wis. Adm. Code, and applicable NRCS Standards. Therefore, I recommend the plans and specifications be approved.

A handwritten signature in cursive script, appearing to read "Rob Davis".

Rob Davis, P.E.
Water Resources Engineer

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF AVAILABILITY OF A NUTRIENT MANAGEMENT PLAN AND INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0064611-03-0

Permittee: Hickory Lawn Dairy Farm, N2957 Hickory Grove Rd, Cascade, WI, 53011

Facility Where Discharge Occurs: Hickory Lawn Dairy Farm, N2957 Hickory Grove Rd Cascade

Receiving Water And Location: Unnamed tributaries to the North Branch Milwaukee River Watershed and groundwater of the state

Brief Facility Description: Hickory Lawn Dairy Farm is an existing Concentrated Animal Feed Operations (CAFO) for dairy cattle located in the Town of Mitchell in Sheboygan County, Wisconsin. Hickory Lawn Dairy Farm consists of one production site located at N2957 Hickory Grove Road Cascade, WI 53011 and is operated by Neal Schmidt. The current herd size is 1,576 animal units. Approximately 11.5 million gallons of liquid manure and process wastewater, and 950 tons of solid manure is produced annually at the current herd size. Hickory Lawn Dairy Farm has approximately 206 days of waste storage capacity. Hickory Lawn Dairy Farm owns or rents 2,955 acres of cropland, of which approximately 2,875 acres are available for manure application.

Hickory Lawn Dairy requested a modification to its WPDES permit to accommodate the construction of a solid stacking pad to their production site completed in 2024. Sample point 015 was added to the permit to describe the new facility. Only aspects of the modification action are subject to the public notice process.

The Department has tentatively decided that the above specified WPDES permit should be modified.

Permit Drafter's Name, Address, Phone and Email: Jean Weaver, 1155 Pilgrim Road, Plymouth, WI, 53073, (920) 400-7014, jeanm.weaver@wisconsin.gov

Persons wishing to comment on or object to the proposed permit action, the terms of the nutrient management plan, or the application, or to request a public informational hearing may write to the Department of Natural Resources at the permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is re-issued. Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be re-issued as proposed.

The Department may schedule a public informational hearing if within 30 days of the public date of this notice, a request for a hearing is filed by any person. The Department shall schedule a public informational hearing if a petition requesting a hearing is received from USEPA or from 5 or more persons or if the Department determines there is significant public interest. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit and fact sheet (if required), the operation's nutrient management plan and application may be inspected and copied at the permit drafter's office, Monday through Friday (except holidays), between 9:00 a.m. and 3:30 p.m. Please call the permit drafter for directions to their office location, if necessary. Information on this permit action may also be obtained by calling the permit drafter at (414) 391-8946 or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice and fact sheet. Permit information is also available on the internet at: <http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

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