Permit Fact Sheet

General Information

Permit Number	WI-0065447-03-0
Permittee Name and Address	Seven Oaks Dairy LLC W229 Cnty Rd ZZ, Kaukauna, WI 54130
Permitted Facility Name and Address	Seven Oaks Dairy LLC W229 County Road ZZ Kaukauna
Permit Term	August 01, 2026 to July 31, 2031
Discharge Location	Plum Creek Watershed, groundwaters of the state
Discharge Type	Existing source CAFO per NR 243.03(23)

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**
Milking and Dry Cows	1750	1788	0	0	
Heifers (800 lbs. to 1200 lbs.)	143	130	0	0	
Total	1893	1788	0	0	

Facility Description

Seven Oaks Dairy is a Concentrated Animal Feeding Operations (CAFO) owned and operated by Jon Lamers. It currently has 1,893 animal units (1,251 milking & dry cows, 130 heifers). Based on herd size, Seven Oaks Dairy has approximately 180 days of liquid waste storage. Seven Oaks Dairy generates approximately 18,572,720 gallons of liquid manure and currently has 2,457.8 acres (181.6 owned and 2,276.2 controlled through contracts, rental agreements or leases, or under manure agreements) of which 2,352.8 are spreadable acres.

Substantial Compliance Determination

Enforcement During Last Permit: None

After a desktop review of all compliance schedule items, and a site visit on 07/03/2025, 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	WSF 1: Sample point 001 is for liquid waste storage facility 1 (WSF 1) located at the main site. WSF 1 is an in-place earthen storage with concrete flooring that is located on the northwest side of the production site. The facility has a maximum operating level of 844,134 gallons and was constructed in 1978. This storage accepts manure and process wastewater from the adjacent barn and animal lot. WSF 1 was last evaluated in 2014 and meet permit requirements.	
002	WSF Solids: Sample point 002 is for any manure solids removed from bottom of liquid waste storage facility 1 – 6, sample points 001, 003, 004, 005, and 014 respectively. This includes manure-laden sand solids, manure fiber solids, etc. Representative samples shall be taken from each waste storage facility.	
003	WSF 2: Sample point 003 is for liquid waste storage facility 2 (WSF 2) located at the main site. WSF 2 is a clay lined facility that is located south of the feed storage area. The facility has a maximum operating level of 4,526,187 gallons and was constructed in 2007. This storage accepts manure and process wastewater from freestall barns and the parlor. WSF 2 was last evaluated in 2014, armoring was installed in 2020 and 2025.	
005	WSF 3: Sample point 005 is for liquid waste storage facility 3 (WSF 3) located at the main site. WSF 3 is a clay lined facility that is located south of WSF 2. The facility has a maximum operating level of 974,777 gallons and was constructed in 2007. This storage accepts manure and process wastewater from freestall barns and the parlor. WSF 2 was last evaluated in 2014 and met permit requirements with the addition of scour protection.	
007	WSF 4: Sample point 007 is for liquid waste storage facility 4 (WSF 4) located at the main site. WSF 4 is a clay lined facility that is located south of WSF 3. The facility has a maximum operating level of 2,775,400 gallons and was constructed in 2009. This storage accepts manure and process wastewater from WSF 3 as well as WSF 5. WSF 4 was last evaluated in 2014 and met permit requirements.	
009	Outdoor Lot: Sample point 009 is for visual monitoring and inspection of concrete dry cow lot and associated runoff control system located to the east of WSF 1. Feedlot runoff and waste is stored in waste storage facility 1. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program.	
010	Feed Storage Area: Sample point 010 is for visual monitoring and inspection of the feed storage area and associated runoff control system. 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	Miscellaneous Solids: Sample point 011 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.	
012	Stormwater: 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 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.	

Sample Point Designation For Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
013	WSF 5: Sample point 013 is for liquid waste storage facility 5 (WSF 5) located at the main site. WSF 5 is a clay lined storage located southeast of WSF 4. The facility has a maximum operating level of 16,730 gallons and was constructed in 2019. This storage accepts leachate and process wastewater from the leachate detention basin located directly south of the feed storage area.	
014	WSF 6: Sample point 014 is for liquid waste storage facility 6 (WSF 6, Dale Marx) located at N8296 County Road M, Menasha, WI, 54952. WSF 6 is an in-place earthen lined storage located on the east side of the production site. The facility has a maximum operating level of 1,864,921gallons and was constructed in 1997. WSF 6 was last evaluated in 2021 and met permit requirements with the additions of safety fencing and permanent markers.	

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 180 days of storage for liquid manure. The permittee must maintain 180 days of storage, unless temporary reductions in required storage are approved by the Department.

Solid Manure Stacking

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

Ancillary Service and Storage Areas

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

Nutrient Management

With 1,893 animal units (1,251 milking & dry cows, 130 heifers), it is estimated that approximately 18,572,720 gallons of manure and process wastewater will be produced per year. The permittee owns *approximately 181.6* acres of cropland and rents about 2,276.2. Given the rotation commonly used by the permittee, 2,352.8 acres are available (or open) to receive manure and process wastewater on an annual basis. The permit requires all landspreading of manure and process wastewater be completed in accordance with an approved nutrient management plan. The permit will require sampling and analysis of manure and process wastewater that will be landspread. Landspreading rates must be adjusted based on sample analysis. The permit requires the permittee to maintain a daily log that documents landspreading activities. The permit also requires the submittal of an annual report that summarizes all landspreading activities. Plans must be updated annually to reflect cropping plans and other operational changes. Among the requirements, the plans must include detailed landspreading information including field by field nutrient budgets.

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

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

In addition, the permittee must comply with restrictions on land application of manure and process wastewater on frozen or snow-covered ground. Included in these restrictions is a prohibition on surface applications of solid manure (≥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; 003- WSF 2; 005- WSF 3; 007- WSF 4; 013- WSF 5, and 014- WSF 6

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

1.1.1 Changes from Previous Permit

Sample points 001, 003, 005, 007, 013, and 014 were updated to more accurately describe the facilities.

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: 002- WSF Solids; 011- Misc. 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

Sample points 004, 006, 008, and 015 were removed. Sample point 002 was edited to include all waste storage facility solid waste.

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: 009- Outdoor Lot ; 010- Feed Storage Area , and 012- Stormwater

1.3.1 Changes from Previous Permit

No changes from previous permit.

1.3.2 Explanation of Operation and Management Requirements

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

2 Schedules

2.1 Emergency Response Plan

Required Action	Due Date
Develop Emergency Response Plan: Update the written Emergency Response Plan within 30 days of permit coverage, available to the Department upon request.	09/01/2026

Explanation of Schedules

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

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.	09/01/2026

Explanation of Schedules

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

2.3 Annual Reports

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

Required Action	Due Date
Submit Annual Report #1: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2027
Submit Annual Report #2: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2028
Submit Annual Report #3: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2029
Submit Annual Report #4: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2030
Submit Annual Report #5: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2031
Ongoing Annual Reports: Continue to submit Annual Reports until permit reissuance has been completed.	

Explanation of Schedules

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

2.4 Nutrient Management Plan

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

Required Action	Due Date
Management Plan Submittal: Submit any necessary updates to the Nutrient Management Plan to meet the conditions outlined in this permit (see conditions in the Livestock Operational and Sampling Requirements section).	
Submit NMP Update #1: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2027
Submit NMP Update #2: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2028
Submit NMP Update #3: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2029
Submit NMP Update #4: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2030

Submit NMP Update #5: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2031
Ongoing Management Plan Annual Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed.	

Explanation of Schedules

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

2.5 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	02/01/2031

Explanation of Schedules

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

Attachments

- Nutrient Management Plam Conditional Approval 05/07/2026
- Days of Storage No Further Actions 03/12/2026
- Inspection Report 07/03/2025

Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit reissuance

Prepared By: Holly Stegemann Agricultural Runoff Management Specialist Date: 06/08/2026

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

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

May 7th, 2026

Outagamie County
Approval

Jon Lamers
Seven Oaks Dairy LLC
W299 County Road ZZ
Kaukauna, WI 54130

SUBJECT: Conditional Approval of Seven Oaks Dairy LLC Nutrient Management Plan, WPDES Permit No. 0065447-03-0.

Dear Jon Lamers:

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

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

FINDINGS OF FACT

The Department confirms that:

1. A current dairy herd size of 1,893 animal units (1,251 milking & dry cows, 130 heifers). Currently there are no planned expansions in the next permit term.
2. Manure generation and spreading records indicate your herd will annually generate approximately 18,572,720 gallons of manure and process wastewater and 2,484 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 Seven Oaks Dairy LLC currently has 2,457.8 acres (181.6 owned and 2,276.2 controlled through contracts, rental agreements or leases, or under manure agreements) of which 2,352.8 are spreadable acres.
6. That all fields will be checked for the following features prior to/during manure or process wastewater applications: soil areas with possible shallow groundwater (i.e., within 24 inches of surface) at the time of manure application; required setbacks associated with wells, navigable waters, conduits to navigable waters, grassed waterways, wetlands, possible soil erosion/flow channels.
7. That surface applications of manure will not be completed when precipitation capable of producing runoff is forecasted within 24 hours of the time of planned application.

CONDITIONAL NUTRIENT MANAGEMENT PLAN APPROVAL

The Department hereby approves the 2026-2030 Seven Oaks Dairy LLC Nutrient Management Plan subject to the following conditions and the applicable requirements of Ch. NR 243, Wis. Adm. Code:

FIELD AND MANURE MANAGEMENT

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

2. The following fields have also been approved to receive industrial, municipal, or septage waste:

Field Name	Other Permittee Name	Other Permittee Field Name	DNR #
Home 1	1	Appleton Wastewater Treatment Facility	24332
Home 1	4	Appleton Wastewater Treatment Facility	124233
Home 2	2	Appleton Wastewater Treatment Facility	124231
Home 2	3	Appleton Wastewater Treatment Facility	124232

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

3. If existing fields yield a soil test results equal to or greater than 200 ppm P, those fields would be prohibited from receiving manure or process wastewater applications, unless you obtain Department approval in accordance with NR 243.14(5)(b)2., Wis. Adm. Code.

4. All liquid manure samples collected may be analyzed, at a minimum, for percent dry matter, total nitrogen, percent NH_4-N, percent NO_3-N, phosphorus, potassium, and sulfur.

5. If manure sample results have a dry matter (DM) content less than 2.0% and the percent ammonium (NH_4^+) is greater than 75% of the total N, Seven Oaks Dairy LLC may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

6. Seven Oaks Dairy LLC shall record daily manure applications by using form 3200-123A. These forms shall be retained at the farm and provided to the department upon request.

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

WINTER SPREADING

8. Liquid manure applications during winter conditions, as defined by NR 243.14(7), Wis. Adm. Code, are prohibited with the exception of emergency applications.

9. The following field(s) are approved for winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:
   - 6
   - 16
   - 11
   - 31
   - 50
   - 35
   - 7
   - 18
   - 27
   - 30
   - 51
   - 14
   - 13
   - 28
   - 37
   - 52

10. The following field(s) are denied for winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:
   - 33 (insufficient spreadable area and proximity to sensitive features)
   - 53 (insufficient spreadable area and proximity to sensitive features)
   - MU-1-MU-13 (field does not exist as this name)

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.

ALTERNATIVE DISTRIBUTION PLAN

16. Seven Oaks Dairy, LLC will be sending all liquid manure to a local digestor owned by a WPDES permitted facility called BC Organics of Greenleaf, WI (General Permit No. WI-S067831-06). The amount of manure that is sent to this facility to be processed is then returned and land applied in accordance to the farm NMP.

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 locate permits, zoning and regulatory requirements.

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

Sincerely,

Ashley Scheel, CCA
WDNR Nutrient Management Plan Reviewer
Wisconsin Department of Natural Resources

CC:

Holly Stegemann, WDNR Agricultural Runoff Specialist (holly.stegemann@wisconsin.gov)
Erin Hanson, WDNR Watershed Field Supervisor (erin.hanson@wisconsin.gov)
Joe Baeten, WDNR Agricultural Runoff Section Manager (joseph.baeten@wisconsin.gov)
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator (aaron.orourke@wisconsin.gov)
Falon French, WDNR Intake Specialist (falon.french@wisconsin.gov)
Tabby Feller, WDNR CAFO Engineer (tabatha.davis@wisconsin.gov)
Greg Baneck, Outagamie County Conservationist (greg.baneck@outagamie.org)
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File

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March 12, 2026

FILE REF: R-2026-0002
WPDES Permit #: WI-0065447

Jon Lamers
Seven Oaks Dairy LLC
W229 County Trunk ZZ
Kaukauna, WI 54130

Subject: Days of Storage Review for Seven Oaks Dairy LLCNW¼ of T21N, R19E, Section 09 in 21 Township, Outagamie County – NO ADDITIONAL ACTION REQUIRED

Dear Jon Lamers:

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 Jonathan Ardelt P.E., Outland Design on January 11, 2026 on behalf of Seven Oaks Dairy LLC.

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

Days of Available Liquid Waste Storage: The submitted information states that Seven Oaks Dairy LLC has 180 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. An evaluation of Waste Storage Facility 6 currently requires further actions by the department and as a result Waste Storage Facility 6 was excluded from the submitted calculations. Days of storage are subject to change following upgrades or further information regarding Waste Storage Facility 6. The current number of animal units provided for the calculation is 1,893. The liquid waste volumes are based on the NRCS spreadsheet and other estimated or calculated values for a collection period of 365 days. All feed storage area runoff, up to the 25-year 24-hour storm is collected in permanent waste storage facilities.

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	1,096,059		65,314		186,611	844,134
#2	5,799,737	601,871	174,139		497,540	4,526,187
#3	1,207,193		60,256		172,160	974,777
#4	3,591,722	373,626	114,773		327,923	2,775,400
#5	604,342		60,180	355,489	171,943	16,730
					Total MOL Vol:	9,137,228
					Days of Storage:	**180**

Total Annual Liquid Waste Volume (NRCS Table Values)	
Liquids Collected/Stored	Annual Gallons
Manure and Bedding	13,287,538
Feed Storage Leachate	93,500
Feed Storage Runoff Collected	2,804,812
Net Precipitation on Storage Surface(s)	2,386,870
TOTAL:	**18,572,720**

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

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

Tabby Feller

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Karen Hyun, Ph.D., Secretary
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TTY Access via relay - 711

July 9, 2025

Jon Lamers
Seven Oaks Dairy
W229 County Road ZZ
Kaukauna, WI 54130

WPDES Permit No. WI-00-65447-02-0
Outagamie County

Subject: Seven Oaks Dairy WPDES Reissuance Inspection Walkover

Dear Mr. Lamers:

On July 3, 2025, the Department of Natural Resources (the department) conducted a permit reissuance walkover of Seven Oaks Dairy. Report and photo log are in the enclosed report.

Page 4 of the enclosed report includes a list of "Action Items". Please review this section and submit items accordingly by the listed due dates.

Seven Oaks Dairy's current permit is set to expire May 30, 2026. A permit reissuance application is due by December 1, 2025.

If you have any questions regarding this letter or your WPDES permit requirements, please contact me at (920) 360-0794 or at holly.stegemann@wisconsin.gov.

Sincerely,

Holly Stegemann
Agricultural Runoff Management Specialist

Enclosure: Seven Oaks Dairy Reissuance Inspection Report

Electronic CC:
Greg Baneck – Outagamie County
Bill Schaumberg, Jim West – Tilth Agronomy
Joe Baeten, Falon French - DNR

CAFO Compliance Report (07/09/2025)
Inspection Date: 07/03/2025
Inspection Type: Permit Reissue
Operation Name: Seven Oaks Dairy
WPDES Permit No. WI-0065447-02-0

Operation Address: Main Site – W229 County Road ZZ, Kaukauna, WI 54130
Offsite Marx Pit – N8296 County Road M, Menasha, WI 54952

On-Site Representative(s): Jon Lamers, Owner/Operator
DNR Staff / Report Writer: Holly Stegemann, Agricultural Runoff Management Specialist

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On July 3, 2025, Stegemann and Teona Ditzman (DNR CAFO staff) met with Lamers, Jim West (Tilth Agronomy), and other farm staff to conduct a WPDES Permit reissuance inspection of Seven Oaks Dairy. All facilities covered under the permit were inspected. Weather conditions during the inspection were dry and sunny. Overall, the permittee is in substantial compliance with the permit. Follow up actions items are listed on page 4.

Figure 1. Aerial overview of Seven Oaks Dairy main site. Pink arrows indicate manure transfer lines. Yellow arrows indicate contaminated runoff and leachate flow paths. Blue arrows indicate approximate stormwater flow.

Figure 2. Aerial overview of the offsite Marx pit, located on County Road M in Menasha, WI.

SITE OBSERVATIONS

Feedlot Runoff
The feedlot on the northwest side of the production site has been abandoned and has been repurposed for storage.

Calf Hutch Areas
Seven Oaks Dairy does not utilize any calf hutch areas.

Waste Storage Facilities
Seven Oaks Dairy utilizes five waste storage facilities (WSF) on the main site and one offsite WSF. Solids are stacked on the ramp of WSF 1. Recycled manure fiber from BC Organics is utilized as animal bedding.

WSF 1 is an earthen lined facility with concrete flooring that was constructed in 1978. WSF 1 accepts manure and process wastewater from adjacent barns and has a maximum operating level of 799,440 gallons. Manure solids are stacked on the concrete ramp on the south side of the storage. WSF 1 was last evaluated in 2014 and met permit requirements.

WSF 2 is an earthen lined facility that was constructed in 2007. It is the first cell in a three-celled system. Located south of the feed storage area, WSF 2 accepts manure and process wastewater from the adjacent barns. WSF 2 has a maximum operating level of 4,534,561 gallons. Erosion was observed on the northwest berm of the storage. Lamers stated plans to reenforce the berm with concrete scour protection was planned to be completed later this summer. WSF 2 was last evaluated in 2014 and met permit requirements.

WSF 3 is an earthen lined facility that was constructed in 2007. It is the second cell in a three-celled system, located south of WSF 2. WSF 3 accepts manure and process wastewater from WSF 2 as well as the adjacent

barn and has a maximum operating level of 950,000 gallons. WSF 3 was last evaluated in 2014 and met permit requirements.

WSF 4 is an earthen lined storage that was constructed in 2009. It is the third cell in the three-celled system, located south of WSF 3. WSF 4 accepts manure and process wastewater from WSF 3 and WSF 5 and has a maximum operating level of 2,804,029 gallons. WSF 4 was last evaluated in 2014 and met permit requirements.

WSF 5 is an earthen lined storage that was constructed in 2019. WSF 5 accepts leachate and contaminated runoff from the feed storage area. It has a maximum operating level of 1,086,902 gallons. At the time of inspection, permanent markers and safety fencing were not present.

WSF 6, also called the Marx Pit, is an offsite pit located at N8296 County Road MM, Menasha, WI. WSF 6 is an earthen lined storage that was constructed in 1997. It has a maximum operating level of 1,864,921 gallons. An engineering evaluation (R-2021-0232) was submitted to the department and is under review. At the time of inspection, safety fencing was not present.

Solid and liquid waste storage facilities are managed to not have current or past indicators of discharges (includes headland stacking sites).
Solid and liquid waste storage structures are well-maintained, in good repair, and in compliance with permit requirements.
Liquid waste storage facilities (except WSF 5) have permanent markers installed.

Process Wastewater (other than feed storage area leachate/runoff)
Process wastewater from the parlor is transferred to WSF 2. Process wastewater sources (milking center, wash water, etc.) are managed to not have current or past indicators of discharges.

Feed Storage Area Runoff
Seven Oaks Dairy utilizes one feed storage pad with all feed kept on the pad, under plastic. The concrete pad is pitched to convey leachate and runoff to the east, where a channel conveys the runoff south, to the leachate collection basin. Runoff then gravity flows from the basin through a transfer line to WSF 5 for permanent storage. The feed pad was expanded to the west in 2020 (R-2020-0032).

Feed storage areas and associated process wastewater (leachate, runoff) are managed to not have current or past indicators of discharges.
Feed storage areas and runoff control systems are well-maintained, in good repair and in compliance with permit requirements.

Animal Mortality Disposal
Animal mortalities are picked up as needed by OJ Krull. Animal Mortalities are managed to not have current or past indicators of discharges.

Ancillary Service Areas
Seven Oaks Dairy utilizes multiple stormwater inlets throughout the production site to convey clean water away from the production site. 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.).

RECORDS REVIEW
The permittee has current WPDES Permit and Nutrient Management Plan onsite.
The permittee provided complete production site inspection records that are required to be retained.
The permittee provided adequate documentation that the facility has a minimum of 180 days of liquid manure storage capacity.
The permittee provided land application records to demonstrate compliance with nutrient management plan requirements.
The permittee has copies of their emergency response and monitoring and inspection plans onsite.

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

SUMMARY

Substantial Compliance
The permittee is in substantial compliance with the permit.

Areas of Concern

- Erosion was observed on the northwest berm of WSF 2.
- Permanent markers are missing from WSF 5.
- Safety fencing is not present around WSF 5 and WSF 6.

Permit Violations
None

Action Items

- Submit to the department, no later than **10/01/2025**, photo documentation showing the installation of permanent markers in WSF 5
- Submit to the department, no later than **10/01/2025**, photo documentation showing the installation of safety fencing around WSF 5 and WSF 6.

Items for Next Permit Term
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)
- 3400-025B form (Nutrient Management Plan 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 (none where discussed during the inspection)

Photo #:	1989
Date/Time of Photo:	07/03/2025 8:21AM
Photo By:	Stegemann
Photo Location:	Outdoor Lot

Photo Description:

View of repurposed animal lot, now utilized for equipment storage, looking southwest.

Photo #:	1904
Date/Time of Photo:	07/03/2025 8:25AM
Photo By:	Stegemann
Photo Location:	WSF 1

Photo Description:

View of WSF 1, looking south.

Photo #:	1908
Date/Time of Photo:	07/03/2025 8:27AM
Photo By:	Stegemann
Photo Location:	WSF 1

Photo Description:

View of permanent marker in WSF 1, looking east.

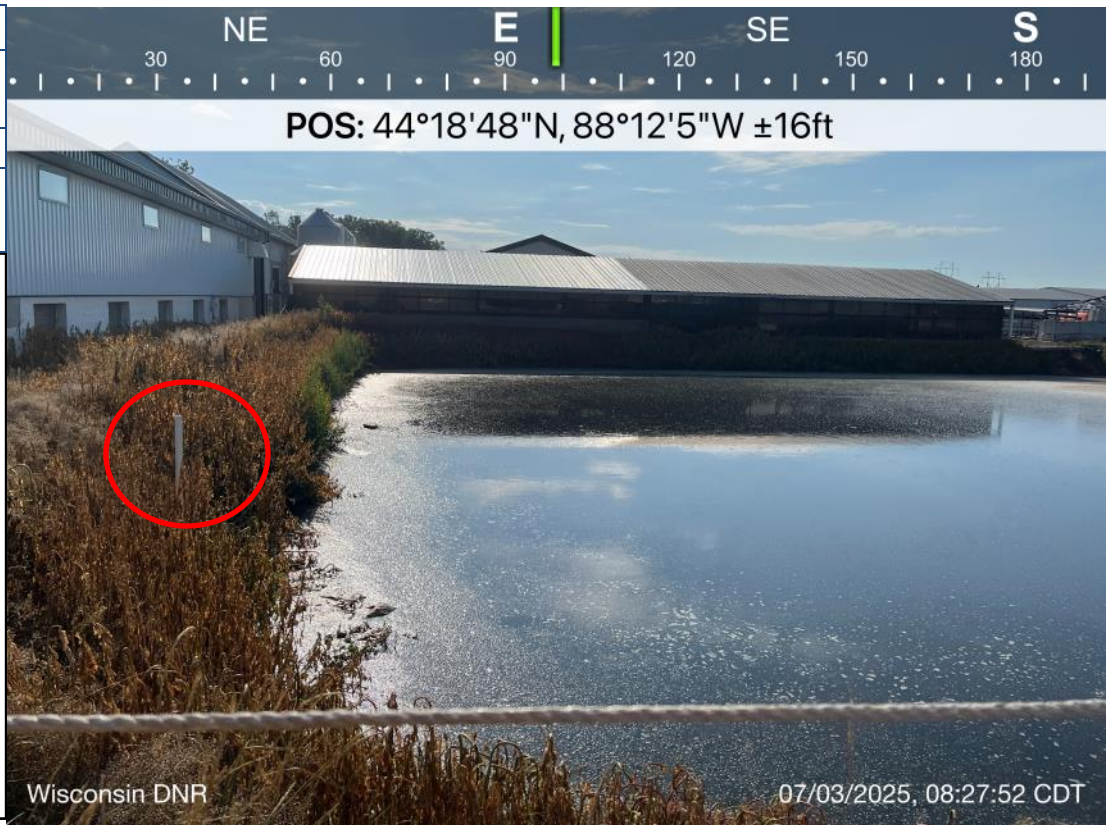

Photo #:	1912
Date/Time of Photo:	07/03/2025 8:28AM
Photo By:	Stegemann
Photo Location:	WSF 1

Photo Description:

View of concrete ramp on south side of WSF 1, looking east.

Photo #:	1960
Date/Time of Photo:	07/03/2025 8:40AM
Photo By:	Stegemann
Photo Location:	WSF 2

Photo Description:

View of WSF 2, looking west.

Photo #:	1962
Date/Time of Photo:	07/03/2025 8:40AM
Photo By:	Stegemann
Photo Location:	WSF 4

Photo Description:

View of WSF 2, looking west.

Photo #:	1964
Date/Time of Photo:	07/03/2025 8:40AM
Photo By:	Stegemann
Photo Location:	WSF 2

Photo Description:

View of erosion and permanent marker in northwest corner berm of WSF 2, looking northwest.

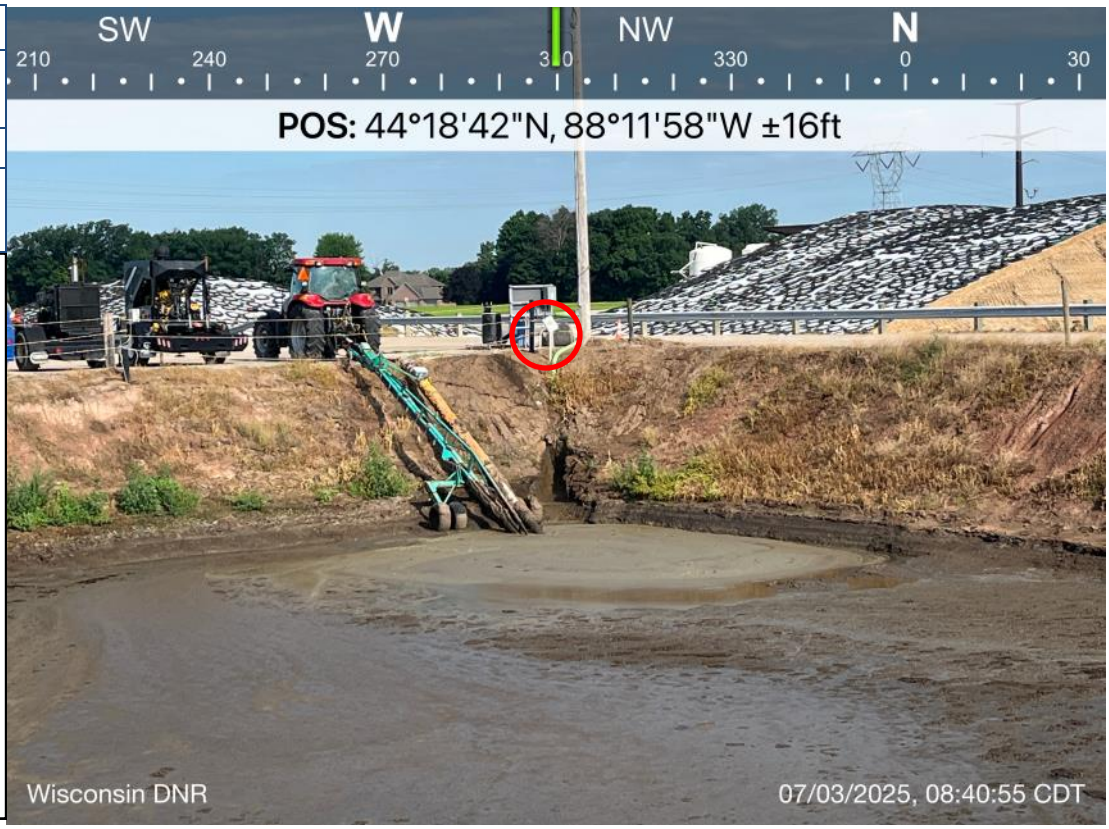

Photo #:	1924
Date/Time of Photo:	07/03/2025 8:31AM
Photo By:	Stegemann
Photo Location:	WSF 3

Photo Description:

View of permanent marker in WSF 3, looking south.

Photo #:	1958
Date/Time of Photo:	07/03/2025 8:40AM
Photo By:	Stegemann
Photo Location:	WSF 3

Photo Description:

View of WSF 3, looking southwest.

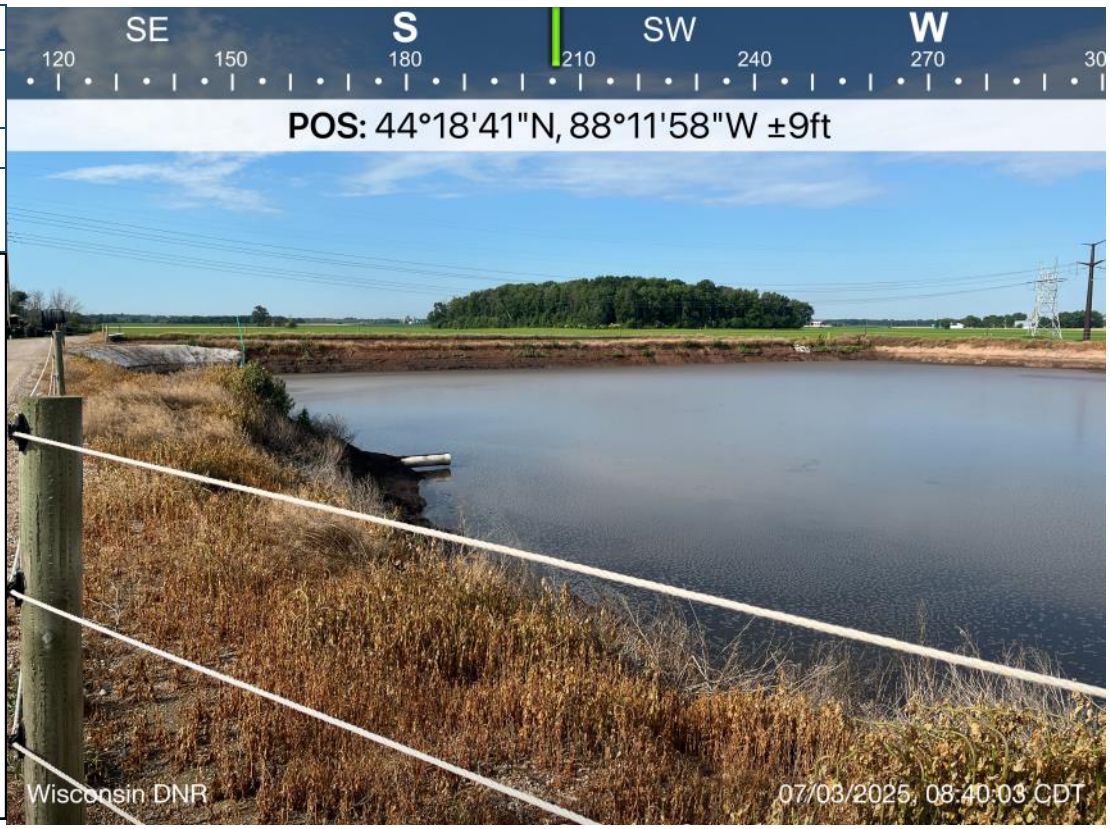

Photo #:	1930
Date/Time of Photo:	07/03/2025 8:32AM
Photo By:	Stegemann
Photo Location:	WSF 3

Photo Description:

View of WSF 3, looking east.

Photo #:	1932
Date/Time of Photo:	07/03/2025 8:33AM
Photo By:	Stegemann
Photo Location:	WSF 3/WSF 4

Photo Description:

View of berm between WSF 3 and WSF 4, looking east.

Photo #:	1936
Date/Time of Photo:	07/03/2025 8:34AM
Photo By:	Stegemann
Photo Location:	WSF 4

Photo Description:

View of WSF 4, looking northeast.

Photo #:	1940
Date/Time of Photo:	07/03/2025 8:34AM
Photo By:	Stegemann
Photo Location:	WSF 4

Photo Description:

View of permanent marker in WSF 4, looking northwest.

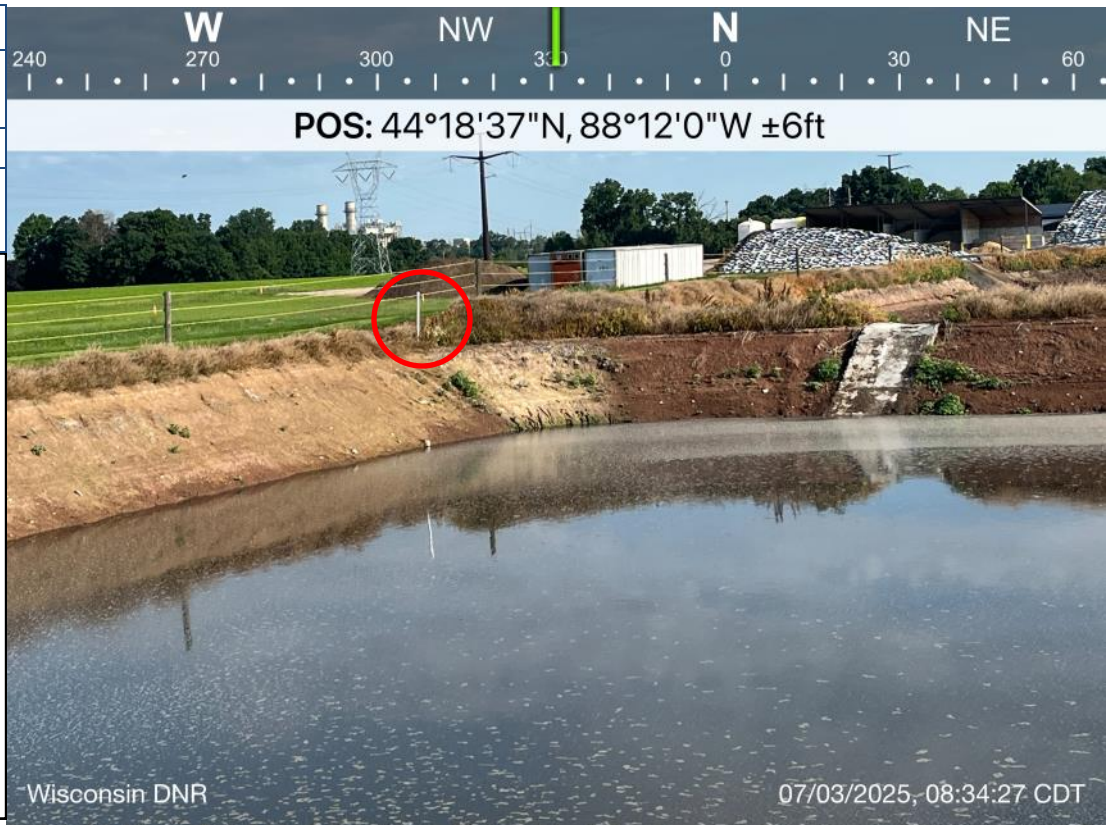

Photo #:	1942
Date/Time of Photo:	07/03/2025 8:35AM
Photo By:	Stegemann
Photo Location:	WSF 4

Photo Description:

View of transfer pipe from WSF 5 to WSF 4, looking northeast.

Photo #:	1948
Date/Time of Photo:	07/03/2025 8:36AM
Photo By:	Stegemann
Photo Location:	WSF 5

Photo Description:

View of WSF 5, looking east.

Photo #:	1950
Date/Time of Photo:	07/03/2025 8:37AM
Photo By:	Stegemann
Photo Location:	WSF 5

Photo Description:

View of WSF 5, looking southeast.

Photo #:	1994
Date/Time of Photo:	07/03/2025 9:33AM
Photo By:	Stegemann
Photo Location:	WSF 6

Photo Description:

View of WSF 6, looking southeast.

Photo #:	1996
Date/Time of Photo:	07/03/2025 9:33AM
Photo By:	Stegemann
Photo Location:	WSF 6

Photo Description:

View of WSF 6, looking northeast.

Photo #:	1998
Date/Time of Photo:	07/03/2025 9:33AM
Photo By:	Stegemann
Photo Location:	WSF 6

Photo Description:

View of permanent marker in WSF 6, looking northeast.

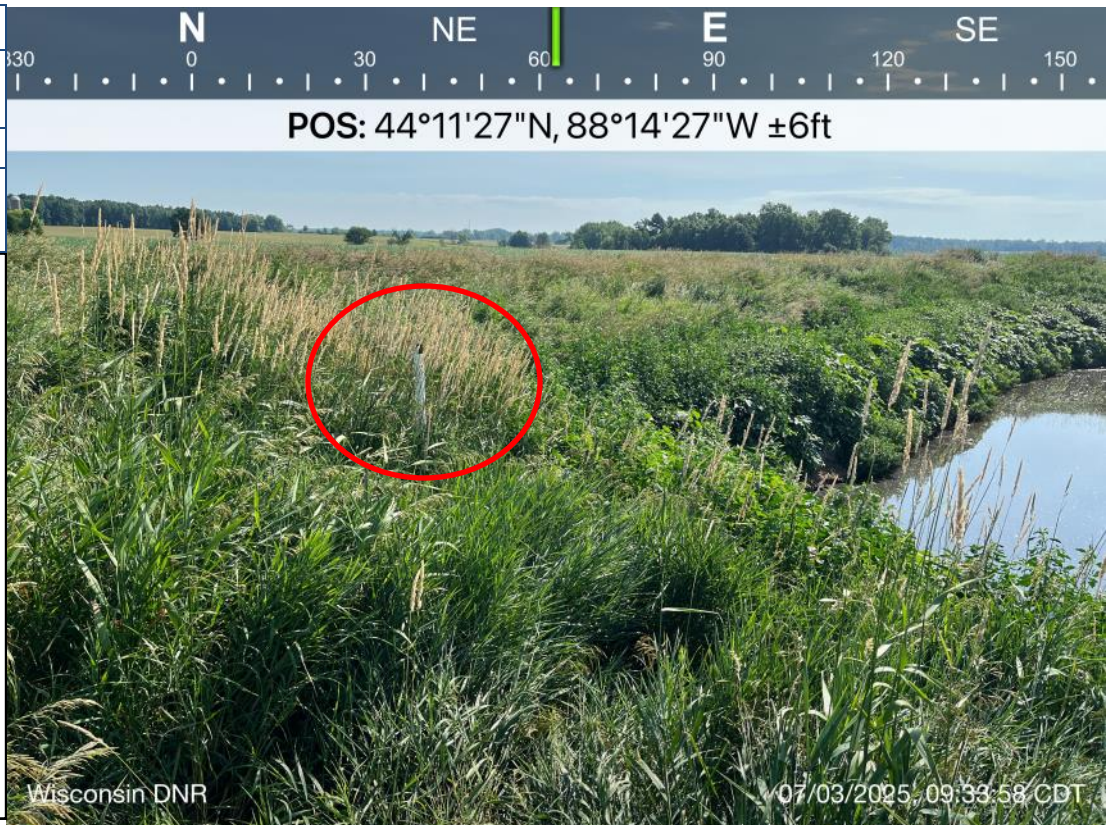

Photo #:	2003
Date/Time of Photo:	07/03/2025 9:34AM
Photo By:	Stegemann
Photo Location:	WSF 6

Photo Description:

View of WSF 6, looking east.

Photo #:	1920
Date/Time of Photo:	07/03/2025 8:30AM
Photo By:	Stegemann
Photo Location:	FSA

Photo Description:

View of feed storage area, looking east.

Photo #:	1922
Date/Time of Photo:	07/03/2025 8:30AM
Photo By:	Stegemann
Photo Location:	FSA

Photo Description:

View of feed storage area 2020 expansion, looking north.

Photo #:	1968
Date/Time of Photo:	07/03/2025 8:42AM
Photo By:	Stegemann
Photo Location:	FSA

Photo Description:

View of feed storage area runoff collection system and manure transfer pumps, looking north.

Photo #:	1970
Date/Time of Photo:	07/03/2025 8:42AM
Photo By:	Stegemann
Photo Location:	FSA

Photo Description:

View of feed storage area runoff collection, looking north. Arrows indicate approximate runoff flow paths.

Photo #:	1972
Date/Time of Photo:	07/03/2025 8:42AM
Photo By:	Stegemann
Photo Location:	FSA

Photo Description:

View of feed storage area runoff collection, looking northwest. Arrows indicate approximate runoff flow paths.

Photo #:	1974
Date/Time of Photo:	07/03/2025 8:42AM
Photo By:	Stegemann
Photo Location:	FSA

Photo Description:

View of feed storage area runoff collection basin, looking west. Arrows indicate approximate runoff flow paths.

Photo #:	1976
Date/Time of Photo:	07/03/2025 8:42AM
Photo By:	Stegemann
Photo Location:	FSA

Photo Description:

View of feed storage collection inlet that gravity flows to WSF 5, looking southwest.

Photo #:	1986
Date/Time of Photo:	07/03/2025 8:50AM
Photo By:	Stegemann
Photo Location:	FSA

Photo Description:

View of feed storage area, looking west.