

Permit Fact Sheet

General Information

Permit Number	WI-0066753-01-0
Permittee Name and Address	Stoney Acres Dairy LLC N10603 County Highway XX, Wausaukee, WI 54177
Permitted Facility Name and Address	Stoney Acres Dairy LLC N10603 County Hwy XX, Wausaukee
Permit Term	March 01, 2026 to February 28, 2031
Discharge Location	to unnamed tributary to McCall Creek within the Menominee River Watershed, and groundwaters of the state
Discharge Type	Existing

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.)	44	0	40	0	07/14/2027
Milking and Dry Cows	1126	1150	1190	1216	07/14/2027
Heifers (800 lbs. to 1200 lbs.)	374	340	440	400	07/14/2027
Total	1544	1150	1670	1216	

Facility Description

Stoney Acres Dairy LLC is a Concentrated Animal Feeding Operation (CAFO) owned and operated by Bryce Harding. It currently has 1,544 animal units and based on current herd size, Stoney Acres Dairy has approximately 337 days of liquid waste storage. There is a planned herd size of 1,670 animal units (1190 milking & dry cows, 440 heifers, 40 calves) by 2027. Stoney Acres Dairy generates 17,253,587 gallons of liquid manure and process wastewater and 986 tons of solid manure annually. Stone Acres has a total of 2,683 acres available for land application of manure and process wastewater. Of this acreage, 2,665 acres are spreadable, 464 owned, and 2,219 are rented or controlled through contacts.

Substantial Compliance Determination

N/A

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 1 is for liquid waste storage facility 1 located at the main site. WSF 1 is a concrete composite storage located to the north of the freestall barns. The facility has a max operating level of 3 million gallons and was built in 2006. This storage accepts manure and process wastewater from the freestall barns and parlor. WSF 1 will require an engineering evaluation, see Schedules section for due dates.	
002	WSF 2: Sample point 2 is for liquid waste storage facility 2 located at the main site. WSF 2 is a concrete composite storage located north of the feed storage area. The facility has a max operating level of 13 million gallons and was built in 2022. This storage accepts manure and process wastewater from the freestall barns, parlor, and the feed storage area. WSF 2 will require an engineering evaluation, see Schedules section for due dates.	
003	WSF Solids: Sample point 3 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	General Solids: Sample point 4 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.	
005	Feed Storage Area & Runoff Control System: Sample point 5 is for visual monitoring and inspection of the feed storage area and associated runoff control system located at the main site to the south of WSF 2. 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 shall be submitted according to the Schedules section of the permit.	
006	Storm Water Runoff Control System: Sample point 6 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	Headland Stacking: Sample point 007 is for solid manure stacked in approved headland stacking locations. 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.	
008	Solid Stacking Pad: Sample point 008 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. An engineering evaluation of the solid stacking pad shall be submitted according to the Schedules section of the permit.	

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 337 days of storage for liquid manure. Once the permittee has 180 days of liquid manure storage, it 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 1544 animal units, it is estimated that approximately 17,253,587 of manure and process wastewater will be produced per year. The permittee owns *approximately* 464 acres of cropland and rents about 2,219. Given the rotation commonly used by the permittee, 2,665 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 1; 002- WSF 2

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	

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

1.1.1 Changes from Previous Permit

None – this is a first-time issuance

1.1.2 Explanation of Operation and Management Requirements

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

1.2 Sample Point Number: 003- WSF Solids; 004- General Solids; 007- Headland Stacking, and 008- Solid 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	
Phosphorus, Total		lbs/ton	Quarterly	Grab	
Phosphorus, Available		lbs/ton	Quarterly	Calculated	
Solids, Total		Percent	Quarterly	Grab	

1.2.1 Changes from Previous Permit

None – this is a first-time issuance

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.

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	04/01/2026

permit coverage and submit to the department.	
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2.2 Monitoring & Inspection Program

“Use of the department’s monitoring and inspection program template is encouraged, but optional

Required Action	Due Date
Proposed Monitoring and Inspection Program: Consistent with the monitoring and sampling requirements subsection, the permittee shall update and submit a proposed monitoring and inspection program within 30 days of the effective date of this permit.	04/01/2026

2.3 Annual Reports

Submit annual reports by January 31 of each year in accordance with the annual reports subsection in standard requirements

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

2.4 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.	09/01/2030

2.6 Feed Storage - Engineering Evaluation

Applicable to the existing feed storage area; sample point 005

Required Action	Due Date
Retain Qualified Expert: The permittee shall retain a qualified expert to complete an engineering evaluation for the feed storage area and report the name of the expert to the Department.	05/01/2026
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.	12/01/2026
Plans and Specifications: 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.	12/01/2027
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.	12/01/2028

2.7 Manure Storage Facility - Engineering Evaluation

Applicable to sample point 001 and 002; WSF 1 and WSF 2

Required Action	Due Date
Retain Expert: Retain a qualified expert to complete an engineering evaluation for the manure storage facilities and report the name of the expert to the Department.	05/01/2026
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.)	12/01/2026
Plans and Specifications: Submit plans and specifications for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code, to permanently correct any adverse manure storage conditions.	12/01/2027
Corrections and Post Construction Documentation: Complete construction on the manure storage facility that permanently corrects any adverse conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	12/01/2028

2.8 Waste Transfer System - Engineering Evaluation

Applicable to existing waste transfer systems from the existing freestall barns and parlor.

Required Action	Due Date
Retain Expert: Retain a qualified expert to complete an engineering evaluation for the waste transfer system and report the name of the expert to the Department.	05/01/2026
Written Report: Submit a written report evaluating the existing waste transfer systems 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.)	12/01/2026
Plans and Specifications: Submit plans and specifications for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code, to permanently correct any adverse manure storage conditions.	12/01/2027
Corrections and Post Construction Documentation: Complete construction on the waste transfer system that permanently corrects any adverse conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	12/01/2028

2.9 Manure Storage Facility - Engineering Evaluation

Applicable to the solid stacking area adjacent to the heifer barn; sample point 008

Required Action	Due Date
Retain Expert: Retain a qualified expert to complete an engineering evaluation for the existing solid stacking area facility and report the name of the expert to the Department.	05/01/2026

Written Report: Submit a written report evaluating the existing solid stacking area 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.)	12/01/2026
Plans and Specifications: Submit plans and specifications for Department review and approval in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code, to permanently correct any adverse manure storage conditions.	12/01/2027
Corrections and Post Construction Documentation: Complete construction on the solid stacking facility that permanently corrects any adverse conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	12/01/2028

2.10 Explanation of Schedules

- An emergency response plan is required to be developed per s. NR 243.13(6)(a) Wis. Admin. Code.
- A monitoring and inspection program is required to be submitted per s. NR 243.19(1) Wis. Admin. Code.
- Annual reports are required to be submitted per s. NR 243.19(3) Wis. Admin. Code.
- Nutrient management plan updates are required to be submitted per s. NR 243.19(3) Wis. Admin. Code.
- A permit reissuance application is required per s. NR 243.12(1)(d) Wis. Admin. Code.
- Engineering evaluation of feed storage area and associated runoff controls (Sample Point 005) has been included per s. NR 243.16(1) Wis. Admin. Code as the Department has not previously evaluated the facility.
- Engineering evaluation of WSF 1 (Sample Point 001) has been included per s. NR 243.16(2) Wis. Admin. Code as the Department has not previously evaluated the facility.
- Engineering evaluation of WSF 2 (Sample Point 002) has been included per s. NR 243.16(2) Wis. Admin. Code as the Department has not previously evaluated the facility.
- Engineering evaluation of the solid stacking area (Sample Point 008) has been included per s. NR 243.16(2) Wis. Admin. Code as the Department has not previously evaluated the facility.
- Engineering evaluation of the waste transfer system has been included per s. NR 243.16(2) Wis. Admin. Code as the Department has not previously evaluated the facility.

Attachments

Map(s)

Plan Approval Letter(s)

- 8/18/2025 - Days of storage approval letter
- 9/9/2025 - Conditional NMP approval letter

Inspection

- 10/21/2025 - Preliminary Inspection

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: 1/19/2026



September 9th, 2025

Marinette County
Approval

Bryce Harding
Stoney Acres Dairy LLC
N10603 County Highway XX
Wausaukee, WI 54177

SUBJECT: Amended Conditional Approval of Stoney Acres Dairy LLC Nutrient Management Plan,
WPDES Permit No. 0066753-01-0

Dear Bryce Harding:

After completing a review of Stoney Acres 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 Stoney Acres 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 1,543 animal units (804 milking & dry cows, 340 heifers, and 218 calves). A planned herd size of 1,670 animal units (850 milking & dry cows, 400 heifers, and 200 calves) by 2027.
2. Manure generation and spreading records indicate your herd will annually generate approximately 17,253,587 gallons of manure and process wastewater and 986 tons of solid manure in the first year of the permit term. Once the expansion has taken place in 2027, it is estimated your herd will annually generate approximately 17,999,453 gallons of manure and process wastewater and 848 tons of solid manure.
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 Stoney Acres Dairy LLC currently has 2,683 acres (464 owned and 2,219 controlled through contracts, rental agreements or leases, or under manure agreements) of which 2,665 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 Stoney Acres 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 ID:	Other Permittee Name:	Site ID:	Field ID:	DNR #:
Boehazek	MARINETTE WASTEWATER UTILITY	WBO	1	89700
Feller Rd	BILLERUD QUINNESEC LLC	LS	500	113778
Hilly River 1	MARINETTE WASTEWATER UTILITY	NN	1	62081
Hilly River 1	MARINETTE WASTEWATER UTILITY	NN	4	90992
Hilly River 2	MARINETTE WASTEWATER UTILITY	NN	2	89662
McClellan	BILLERUD QUINNESEC LLC	RM	425	111645
Williamson North	MARINETTE WASTEWATER UTILITY	GW	119	32302
Williamson North	MARINETTE WASTEWATER UTILITY	GW	120	81402
Williamson North	MARINETTE WASTEWATER UTILITY	GW	121	81386
Williamson West	MARINETTE WASTEWATER UTILITY	GW	118	24032
Williamson West	MARINETTE WASTEWATER UTILITY	GW	122	81403
Williamson West	MARINETTE WASTEWATER UTILITY	GW	123	32712
Williamson West	MARINETTE WASTEWATER UTILITY	GW	124	51051
Williamson West	MARINETTE WASTEWATER UTILITY	GW	125	32300
Williamson West	MARINETTE WASTEWATER UTILITY	GW	126	32298
Williamson West	MARINETTE WASTEWATER UTILITY	GW	127	96849

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

3. The following fields are prohibited from receiving applications of manure or process wastewater:

- A and K (200 ppm P)	- Anderson 3 (default soil test)	- Anderson 4 (default soil test)
- Illinois Middle (default soil test)	- Illinois North (default soil test)	- Schmidt (default soil test)

If Stoney Acres Dairy LLC wishes to use these fields for applications of manure or process wastewater all necessary information shall be submitted to the Department prior to application to demonstrate compliance with NR 243 and other applicable codes. Written Department approval amending this condition approval must be received prior to application.

4. If existing fields yield a soil test results equal to or greater than 200 ppm P, those fields would be prohibited from receiving manure or process wastewater applications, unless you obtain Department approval in accordance with NR 243.14(5)(b)2., Wis. Adm. Code.
5. All liquid manure samples collected may be analyzed, at a minimum, for percent dry matter, total nitrogen, percent $\text{NH}_4\text{-N}$, percent $\text{NO}_3\text{-N}$, 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, Stoney Acres Dairy LLC may use the following equation to adjust the first-year available nitrogen when applications are injected or incorporated within 1 hour:

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

7. Stoney Acres Dairy LLC shall record daily manure applications by using the 'Daily Log' generated by Snap Plus or 'Stoney Acres Daily Manure Application Log'. These forms shall be retained at the farm and provided to the department upon request.
8. Stoney Acres 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 'CAFO Annual Spreading Reports' generated by Snap Plus.

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:

- A and K	- Ruebish East	- Ruebish West	- Carl
- Kubick	- Wasko	- 180	- H Suennen
- Wright North	- Wright South	- Huempfer	- Sieja HF2
- Sieja HF3	- Sieja HF5	- Sieja HF6	- Ozzie
- Kelsey East	- Kelsey West	- Narragon	- Roy
			Lewandowski
- Clarks	- D Schroeder	- Feller Rd	- Ziggy
	W2		
- Parrolt-Amberg	- Marzu 1	- Marzu 2	- Marzu 5
Wausaukee			
- Streblow	- Schaf	- Williamson	- Williamson
		North	West
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. The following headland stacking site is approved for use with >32% solids only when the ground is not frozen or snow covered, or during February and March with the following requirements. Please note that the farm currently does not have manure tests to show the % solids meets requirements to stack on this soil type unless slope is verified and shown to $\leq 3\%$

- Sites may only be used for 1 year out of every 2 years.
- Stacking site area may not exceed $\leq 40,000$ cubic feet.
- Stacking interval not to exceed 8 months.

- 180 Stack Site #1

- Ruebish East Stack Site #1

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.

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

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

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

Sincerely,



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

cc: Makayla Jacobs, WDNR Agricultural Runoff Management Specialist (makayla.jacobs@wisconsin.gov)
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Tony Salituro, WDNR CAFO Engineer (Anthony.Salituro@Wisconsin.gov)
Sheri Denowski, Marinette County (sheri.denowski@marinettecounty.com)
Kevin Beckard, Agsource (kevin.beckard@agsource.com)
File



August 18, 2025

FILE REF: R-2025-0165
WPDES Permit #: WI-0066753

Bryce Harding
Stoney Acres Dairy LLC
N10603 County Highway XX
Wausaukee, WI 54177

Subject: Days of Storage Review for Stoney Acres Dairy LLCSE¼ of T33N, R21E, Section 08 in
Wausaukee Township, Marinette County – NO ADDITIONAL ACTION REQUIRED

Dear Bryce Harding:

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 Robert Pofahl, Resource Engineering Associates, Inc on June 25, 2025 on behalf of Stoney Acres 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 Stoney Acres Dairy LLC has 337 days of liquid waste storage based on the volumes listed in the table below with respect to s. NR 243.15(3)(i) to (k), Wis. Adm. Code. The current number of animal units provided for the calculation is 1,543. Since Stoney Creek Acres Dairy is a new permittee, it is anticipated that all waste storage facilities onsite will be required to have engineering evaluations conducted. The days of storage calculations may be subject to change depending on these evaluations. The farm has proposed herd expansion in the upcoming permit term. The liquid waste volumes are based on manure hauling logs for a collection period of 365 days. The submittal accounts for all leachate and runoff from the feed storage area, up to the 25-year, 24- hour storm collected in permanent storage.

Current 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	3,600,516		187,261	0	457,247	2,956,008
#2	14,867,193		317,092	526,292	1,039,228	12,984,581
Total MOL Vol:						15,940,589
Days of Storage:						337

Current Total Annual Liquid Waste Volume (NRCS Table Values)	
Liquids Collected/Stored	Annual Gallons
Manure and Bedding	7,747,691
Parlor Wastewater	2,492,950
Feed Storage Leachate	54,881
Feed Storage Runoff Collected	4,315,222
Net Precipitation on Storage Surface(s)	2,642,843
TOTAL:	17,253,587

The farm is planning to add animal units in the upcoming permit term. The proposed condition reflects the increase to 1,670 animal units.

Proposed 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	3,600,516		187,261	0	457,247	2,956,008
#2	14,867,193		317,092	526,292	1,039,228	12,984,581
Total MOL Vol:						15,940,589
Days of Storage:						323

Proposed Total Annual Liquid Waste Volume (NRCS Table Values)	
Liquids Collected/Stored	Annual Gallons
Manure and Bedding	8,348,067
Parlor Wastewater	2,635,300
Feed Storage Leachate	58,021
Feed Storage Runoff Collected	4,315,222
Net Precipitation on Storage Surface(s)	2,642,843
TOTAL:	17,999,453

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

NOTICE OF APPEAL RIGHTS

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

To request a contested case hearing pursuant to WIS. STAT. § 227.42, you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the

Department of Natural Resources. All requests for contested case hearings must be made in accordance with WIS. ADMIN. CODE § NR 2.05(5), and served on the Secretary in accordance with WIS. ADMIN. CODE § NR 2.03. The filing of a request for a contested case hearing does not extend the 30-day period for filing a petition for judicial review.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES



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



Tabby Feller
CAFO Review Engineer
Watershed Management Program

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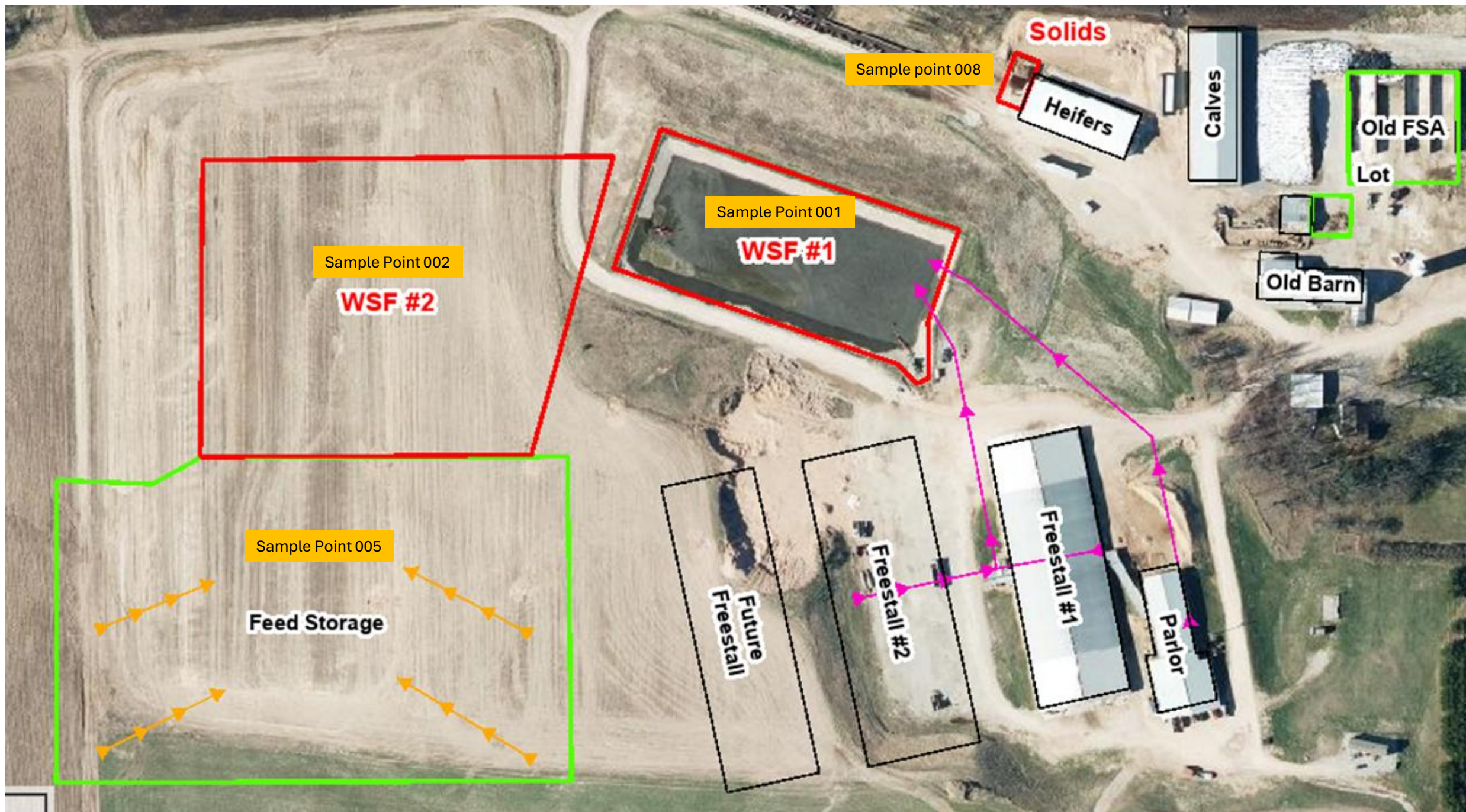
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Tony Evers, Governor
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TTY Access via relay - 711



December 1, 2025

Bryce Harding
Stoney Acres Dairy LLC
N10603 Cty Highway XX,
Wausaukee, WI 54177

Marinette County

Subject: Preliminary Inspection 10.21.2025

Dear Mr. Harding:

On October 21, 2025, the Department of Natural Resources (department) conducted a Preliminary Compliance Inspection for Stoney Acres Dairy LLC. Results and photos are included in the enclosed report.

If you have any questions regarding this letter please contact me at (920) 573-8033 or at Makayla.Jacobs@wisconsin.gov.

Sincerely,

Makayla Jacobs
Agricultural Runoff Management Specialist

Electronic copy: Sheri Denowski - Marinette County
Joe Baeten - DNR
Kevin Beckard – Ag Source

CAFO Compliance Inspection Report



Inspection Date: 10/21/2025

Report Final Date: 12/1/2025

Operation Name: Stoney Acres Dairy LLC

Farm Address: N10603 Cty Highway XX, Wausauke, WI 54177

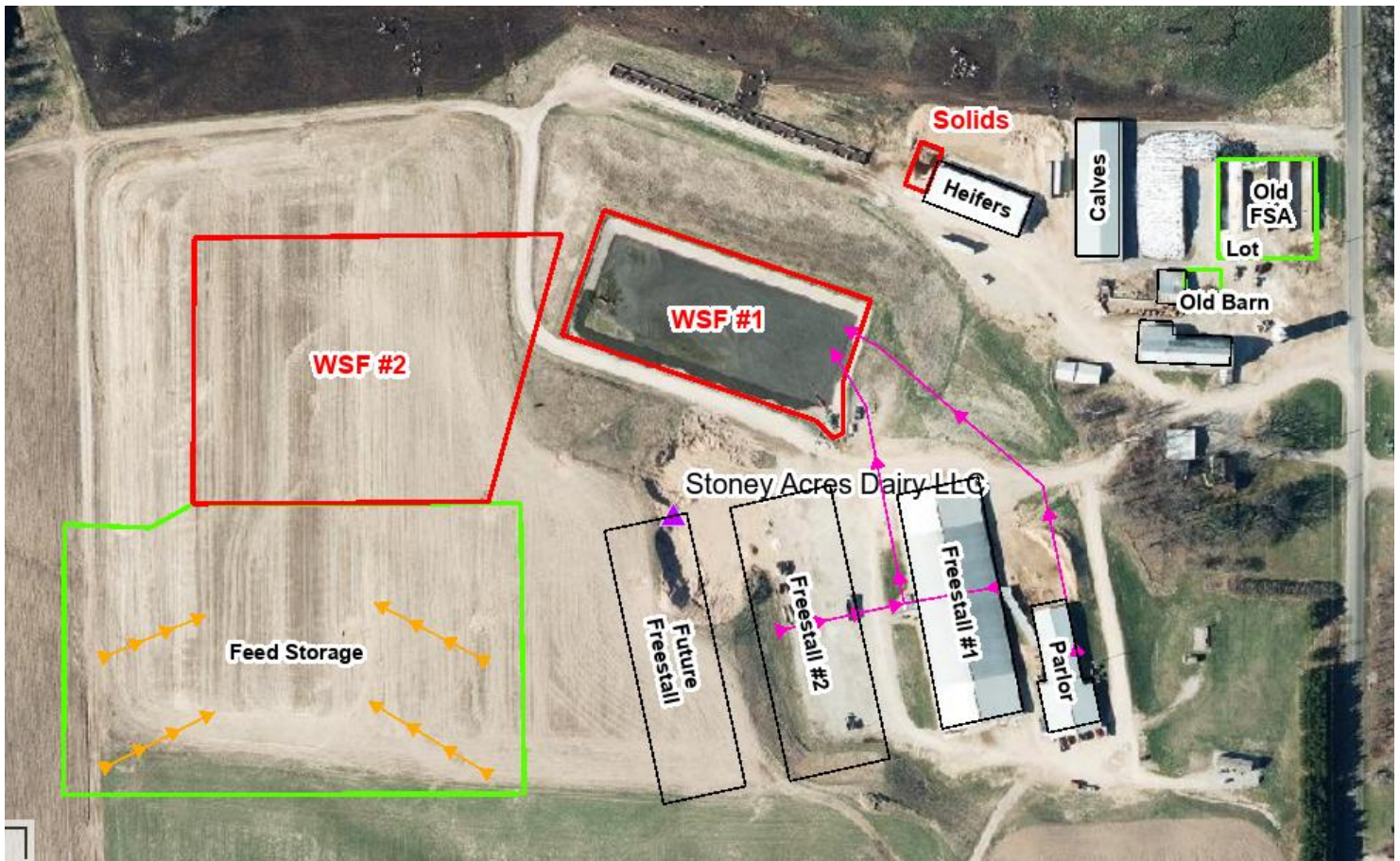
On-Site Representative(s): Bryce Harding (Owner) and Kevin Beckard (Agronomist)

Report Author: Makayla Jacobs, WDNR Agricultural runoff specialist

Introduction

On October 21, 2025 Jacobs met with Harding (owner), and Beckard (agronomist) at 10:30 am to conduct a preliminary site inspection. Liquid precipitation had not fallen and the temperature was in the 60's and sunny. No violations of NR 151 were observed, and no water samples were collected. Jacobs departed at approximately 11:40.

Site Overview Diagram (Main Dairy)



SITE OBSERVATIONS :

Feedlot Runoff

There are currently 3 lots on the site.

One lot is across the road from the main farm and currently not being used. There is a lot attached to free stall barn 1, it's a small lot that the cows go in and out of when they clean the barn. There is a lot that is attached to an old shed, they use this lot for animal shipments.

Outdoor lots do not have engineered runoff controls. Owner said they plan to stop using the lots moving forward.

Calf Hutch Areas

Calf hutches are not utilized at this time.

Waste Storage Facilities

There are two waste storage facilities at this site.

WSF 1 is located on the north side of the free stall barns. This storage is a concrete lined impoundment with an access ramp on the southeast side. The facility was built with the help of Marinette County LCD. This storage facility has a max operating level of 3 million gallons.

WSF 2 is located to the west of WSF 1. This storage is a concrete lined impoundment. The facility was built in 2022 and has a max operating level of 13 million gallons.

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.

Evaluations for these facilities are needed and will be put into the facilities permit under the scheduled items section.

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 one feed storage area located at the facility.

The feed storage area is located on the south side of WSF 2. The feed storage area is concrete lined and runoff gravity flows north into WSF 2. An evaluation is needed and will be put into the facilities permit under the scheduled items section.

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 of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing at the west end of the old outdoor lot looking east. Lot is no longer in use.



Photo #:	2
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing at the east end of another outdoor lot looking northwest. Lot is no longer in use.



Photo #:	3
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the north side of the shipment barn looking south. View of shipment outdoor lot area.



Photo #:	4
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the north side of the shipment barn lot looking southwest. View of shipment barn.



Photo #:	5
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing at the north side of the outdoor lot that is across the road from the main site looking southeast. Lot is no longer in use.



Photo #:	6
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing at the north end of the lot looking south. View of outdoor lot that is no longer being used.



Photo #:	7
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the north side of the outdoor lot area that the cows go to when the barn gets cleaned, looking south.



Photo #:	8
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the north side of door 36 looking west. View of outdoor lot area outside of door 36.



Photo #:	9
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the south side of WSF 2 looking northeast. View of WSF 2.

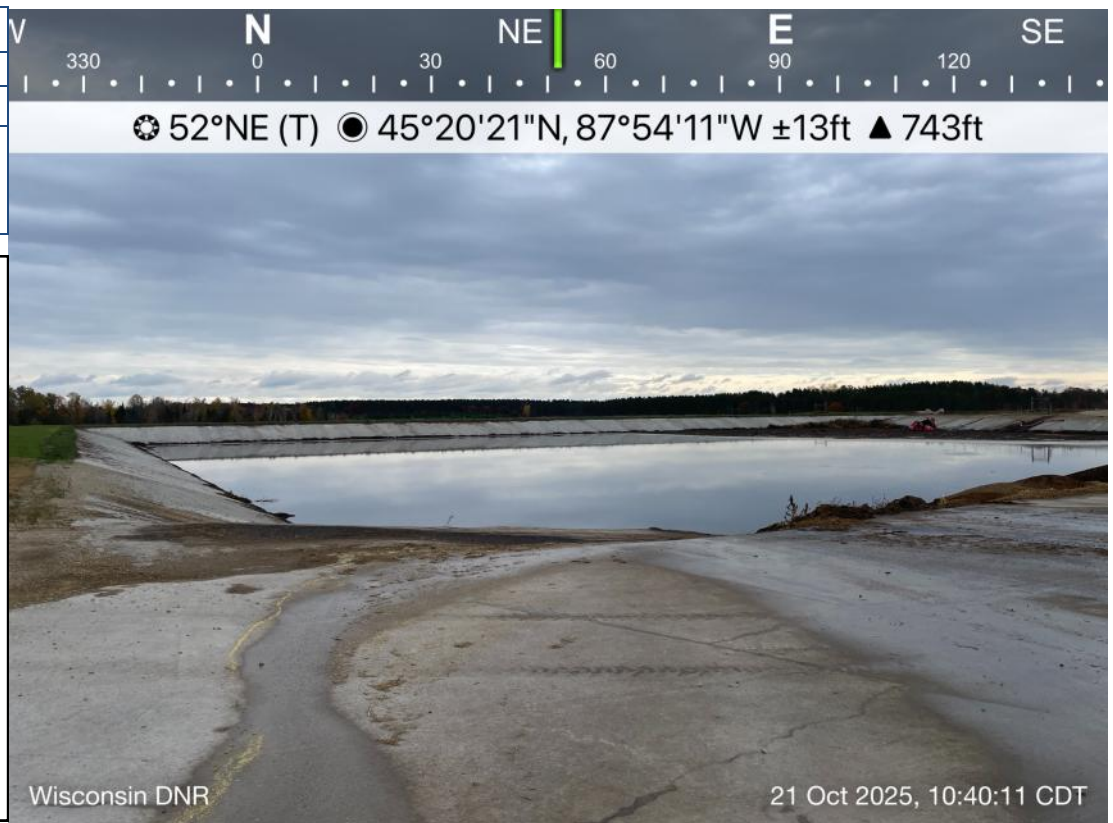


Photo #:	10
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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

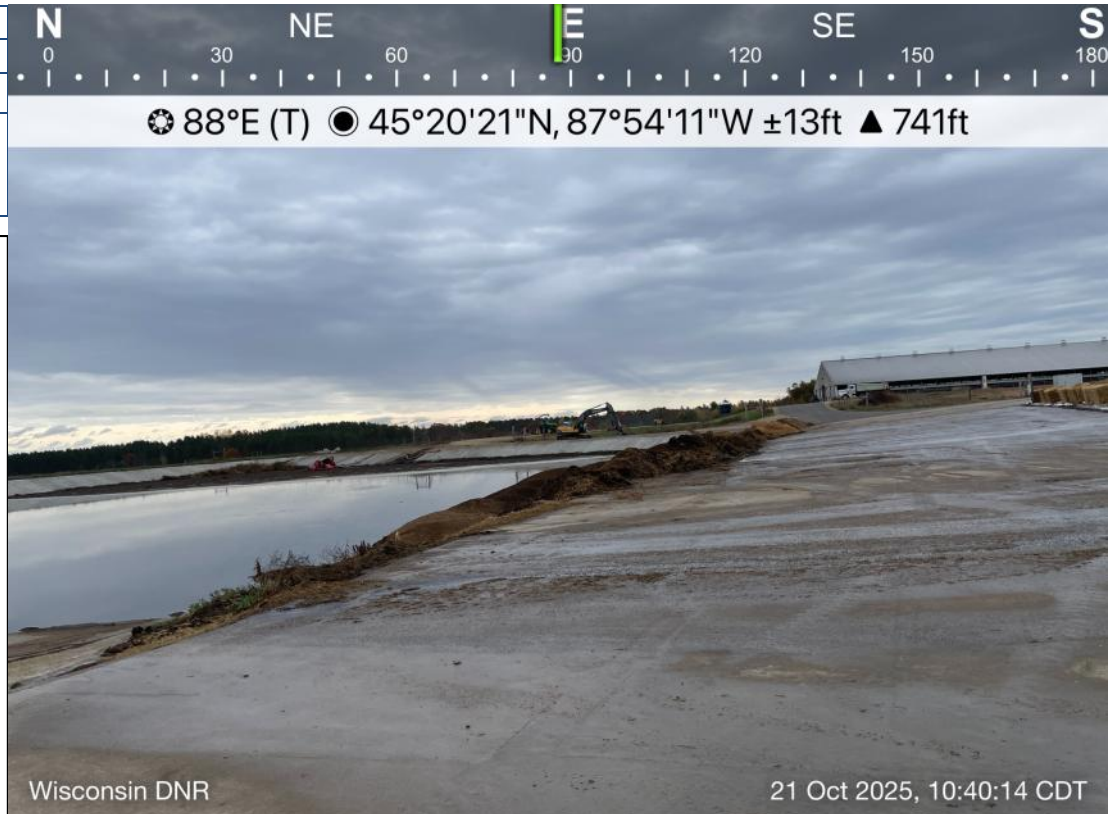


Photo #:	11
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	12
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	13
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the north side of WSF 2 looking south. View of WSF 2.



Photo #:	14
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the north side of WSF 2 looking south. View of WSF 2.



Photo #:	15
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the east side of WSF 2 looking west. View of channel that flows between WSF 1 and WSF 2.



Photo #:	16
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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

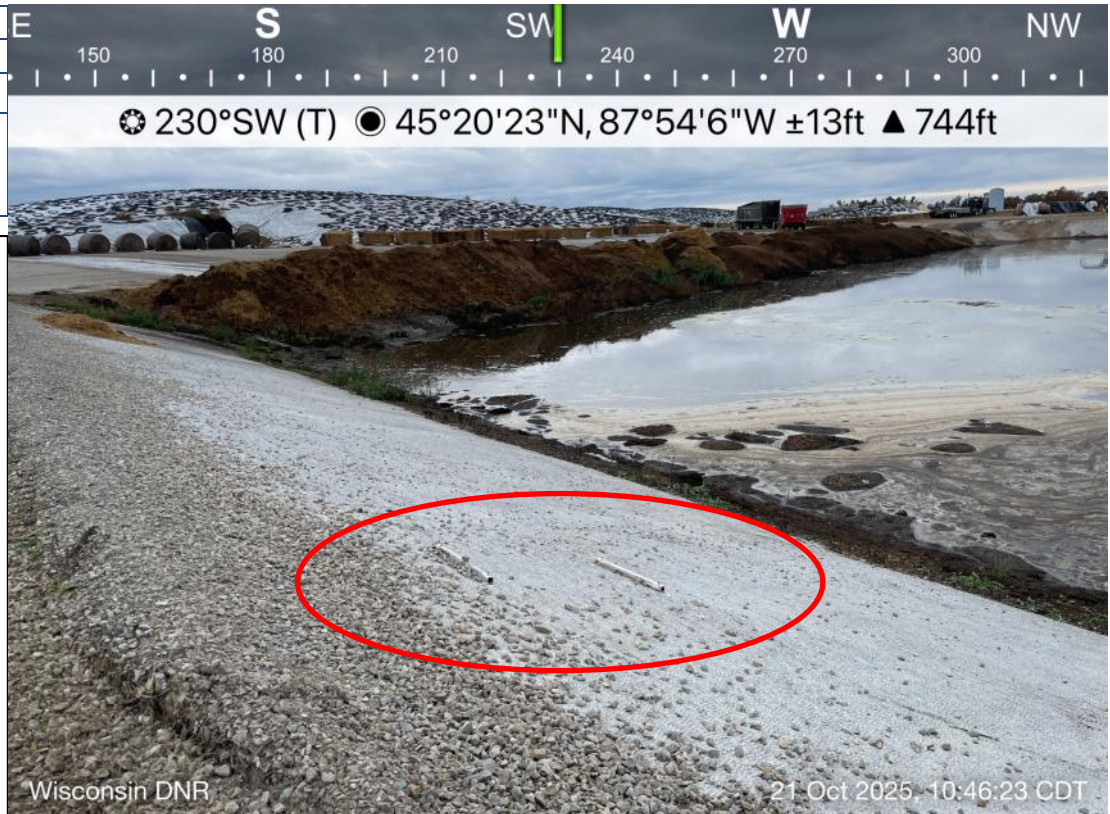


Photo #:	17
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	18
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	19
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the south side of WSF 1 looking north. View of WSF1.

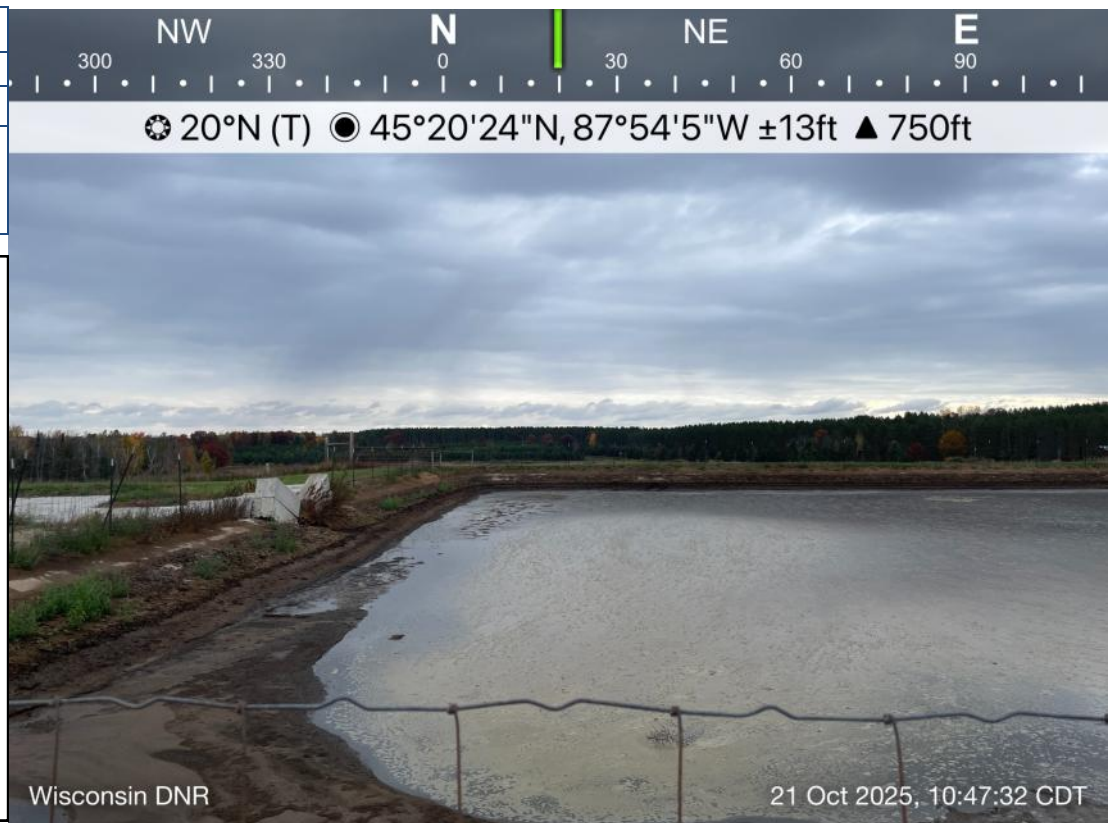


Photo #:	20
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	21
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the southeast side of WSF 1 looking north. View if access ramp.

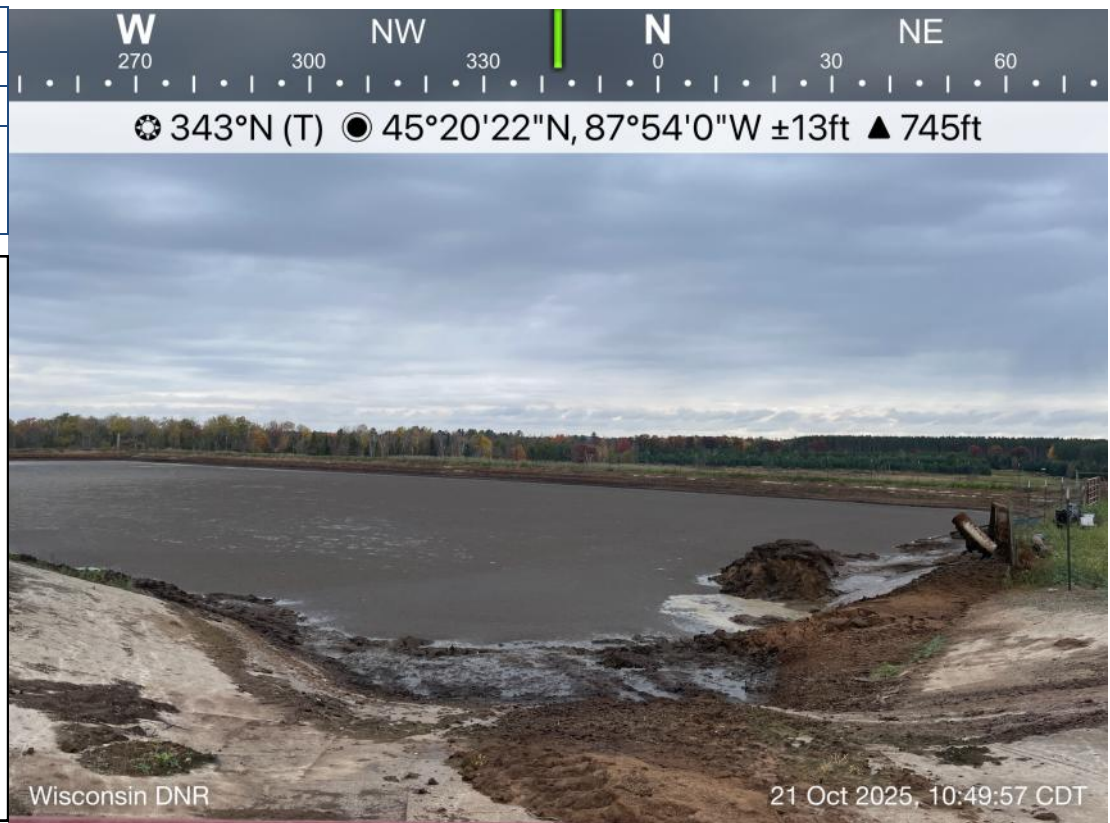


Photo #:	22
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing at the south side of the youngstock barn looking north. View of manure loadout area.



Photo #:	23
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing at the east side of the FSA looking south. View of FSA.



Photo #:	24
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing at the south side of the FSA looking east. View of FSA.



Photo #:	25
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	26
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	27
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	28
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	29
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	30
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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



Photo #:	31
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

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

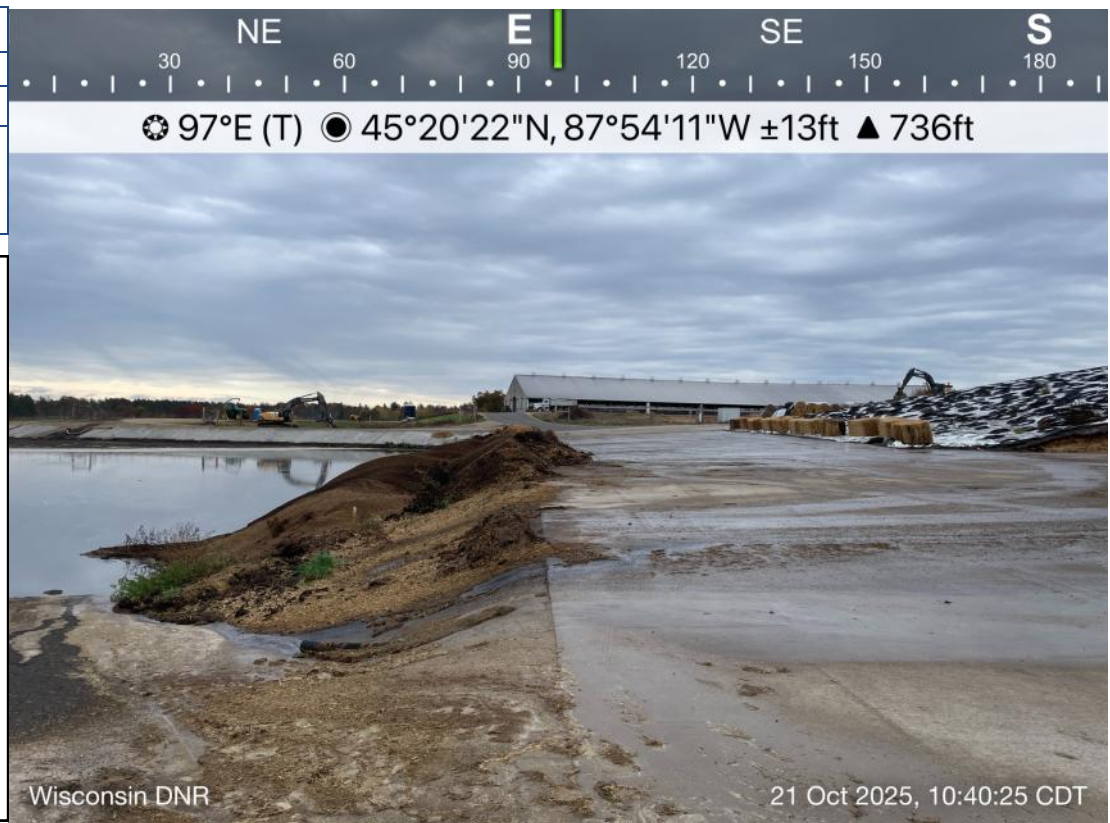


Photo #:	32
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing to the west of the old bunkers looking northeast. View of feed not on the FSA.



Photo #:	33
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the south side of the old bunkers. View of bunkers.



Photo #:	34
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the south side of WSF 1 looking west. View of ancillary area.



Photo #:	35
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the east side of the calf barn looking northwest,
View of calves underroof.

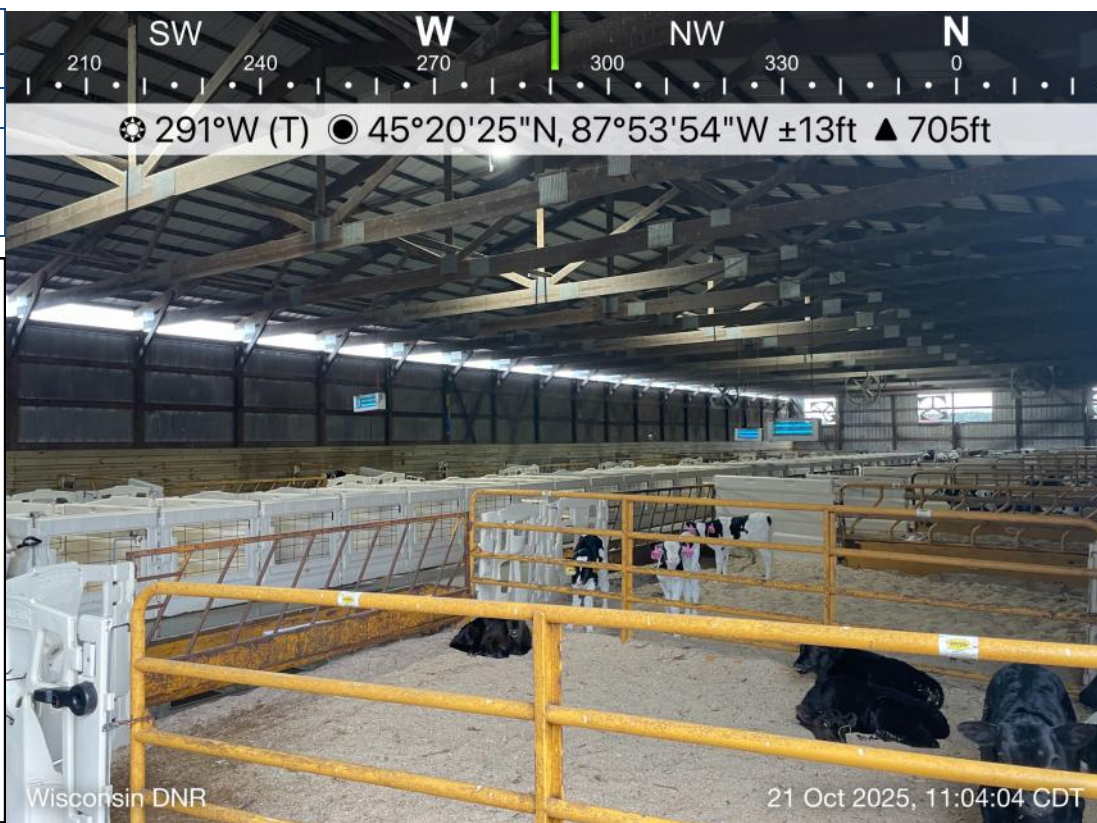


Photo #:	36
Date of Photo:	10/21/2025
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing on the east side of the heifer barn looking northwest,
View of heifer barn.



SUMMARY:

Substantial Compliance

Stoney acres does not have a WPDES permit at this time, therefore a substantial compliance determinations is not needed.

Areas of Concern

- Outdoor lots do not have run off controls
- Feed being stored in areas other than the FSA

Permit Violations

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

Schedule to be Included in First Permit Term

- Evaluations for all waste storage facilities, waste transfer lines, feed storage area, and possible outdoor lots if the facility wants to continue to use them.