

Permit Fact Sheet

General Information

Permit Number:	WI-0066192-02-0
Permittee Name:	Ullom Acres LLC
Address:	E6393 240th Avenue, Menomonie, WI 54751
Permit Term:	July 01, 2025 – June 30, 2030
Discharge Location:	E6393 240 th Avenue, Menomonie, WI 54751 <i>(NE ¼ of the NE ¼ Sec. 04 T26N R12W)</i>
Receiving Water:	Unnamed tributaries to the Chippewa River within the Cranberry Creek-Chippewa River Watershed, and groundwaters of the state
Stream Classification:	Chippewa River – 303(d) Listed Impaired Water

Animal Units					
Animal Type	Current AU		Proposed AU (No Proposed Expansions)		
	Mixed	Individual	Mixed	Individual	Date of Proposed Expansion
Dairy Calves (under 400 lbs.)	30	0	-	-	-
Heifers (400 lbs. to 800 lbs.)	330	550	-	-	-
Heifers (800 lbs. to 1200 lbs.)	605	550	-	-	-
TOTAL	965	1100	-	-	-

Facility Description

Ullom Acres LLC is an existing Concentrated Animal Feeding Operation (CAFO) owned and operated by Brad Ullom. Ullom Acres has approximately 1,100 animal units (550 heifers 800-1200 lbs, 550 heifers 400-800 lbs, and 150 calves) and does not have any plans to increase animal unit numbers during the five-year permit term. Based on the current operations and herd size Ullom Acres has approximately 80 days of solid manure storage capacity and approximately 300 days of liquid manure storage capacity. Ullom Acres has approximately 1,891 acres included in their nutrient management plan that are available for land application of manure and process wastewater, of which 1,791 are considered spreadable acres. Of the total acreage approximately 308 are owned and 1,583 are controlled through contracts, rental agreements, or are under manure agreements.

Substantial Compliance Determination

ULLOM ACRES LLC IS IN SUBSTANTIAL COMPLIANCE WITH THE CURRENT PERMIT NO. WI-0066192-01-0

Compliance determination entered by Clare Freix, Agricultural Runoff Management Specialist on April 29, 2025
(a summary of permit violations/noncompliance from the current permit term are outlined below)

1. Notice of Noncompliance: April 26, 2019

Permit Section 2.2 Nutrient Management Plan: *Submit a Nutrient Management Plan (NMP) Annual Update by March 31st of each year.*

- The Department found that the operation had not submitted their first NMP Annual Update by the March 31st deadline. The operation's first NMP Annual Update was later submitted to the Department on June 13, 2019.

Compliance Demonstrated –

Close Out Date: June 18, 2019

Sample Point Designation For Animal Waste	
Sample Point Number	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
001	WSF 1 (Solids) - Sample point 001 is for the operation's solid manure storage facility (WSF 1). WSF 1 is a concrete lined solid manure storage facility with an approximate storage capacity of 95,515 cubic feet and accepts solid manure that is generated by the operation from within each of the heifer barns and outdoor feedlot areas. Plans and specifications for WSF 1 were approved by the Department in 2021 and construction was completed the same year.
002	WSF 2 (Liquids) - Sample point 002 is for the operation's liquid waste storage facility (WSF 2). WSF 2 is a concrete lined waste storage facility that has an approximate maximum operating level capacity of 2,711,200 gallons. WSF 2 primarily accepts leachate and feed storage area runoff (process wastewater) generated from the feed storage area (sample point 006). Leachate and manure laden runoff generated from the solid manure storage facility (sample point 001) that is captured within the associated runoff reception pit (sample point 003) is also transferred to WSF 2. Plans and specifications for WSF 2 were approved by the Department in 2021 and construction was completed the same year.
003	WSF 3 (Manure Runoff) - Sample point 003 is for the manure leachate and runoff reception pit (WSF 3). WSF 3 is a concrete wedge pit with an approximate containment capacity of 219,912 gallons. Leachate and manure laden runoff generated from the solid manure storage facility (sample point 001) surface flows directly into WSF 3 where it is then pumped into WSF 2. Plans and specifications for WSF 3 were approved by the Department in 2021 and construction was completed the same year.
004	Headland Stacking - Sample point 004 is for solid manure land applied from approved headland stacking sites. Representative samples shall be taken from each stacking site prior to land application. Stacking sites are defined as part of the production area and therefore are subject to the Production Area Discharge Limitations section of the permit. Weekly inspections of the stacking sites are required and shall be recorded according to the Monitoring and Inspection Program.
005	Misc. Solids - Sample point 005 is for miscellaneous solid wastes that are directly land applied from various sources within the production area that are not specifically identified as a sample point within the permit (solids removed from liquid waste storage facilities, manure laden bedding, waste feed, etc.). Representative samples shall be taken for each solid source that is directly land applied.
006	Feed Storage & Runoff Controls - Sample point 006 is for visual monitoring and inspection of the feed storage area and the associated runoff control system. The feed storage area was initially constructed in 2015 without a runoff control system in place and an engineering evaluation of the feed storage area was completed in 2017. Plans and specifications for a feed storage runoff control system were later approved by the department in 2021 and construction was completed the same year. The associated runoff control system directs leachate and feed storage area runoff to surface flow directly into WSF 2 (sample point 002). Proper operation and

Sample Point Designation For Animal Waste	
Sample Point Number	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
	maintenance are required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to the Monitoring and Inspection Program.
007	Outdoor Lots & Runoff Controls - Sample point 007 is for visual monitoring and inspection of the outdoor feedlot areas and associated runoff controls. Proper operation and maintenance are required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to the Monitoring and Inspection Program. An engineering evaluation of all outdoor feedlot areas and the associated runoff control systems shall be submitted in accordance with the schedules section of the permit (permit section 2.3).
008	Storm Water Runoff Controls - Sample point 008 is for visual monitoring and inspection of all production site storm water conveyance systems. This includes roof gutters and downspout structures, drainage systems, storm water ponds, grassed waterways and any other diversion systems which transport uncontaminated storm water. Proper operation and maintenance are required to keep uncontaminated runoff diverted away from manure and process wastewater handling systems. Weekly inspections are required and shall be recorded according to the Monitoring and Inspection Program.

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 80 days of storage for solid manure (not including approved headland stacking sites) and has approximately 300 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 1,100 animal units (550 heifers 800-1200 lbs, 550 heifers 400-800 lbs, and 150 calves), it is estimated that approximately 3,200,000 gallons and 10,055 tons of manure and process wastewater will be produced per year. The permittee owns *approximately* 308 acres of cropland and rents about 1,583 acres. Given the rotation commonly used by the permittee, approximately 1,000 acres are planned to receive manure and process wastewater on average 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.

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 Solid Sample Points

Sample Point Number: 001- WSF 1 (Solids); 004- Headland Stacking; 005- 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 Liquid Sample Points

Sample Point Number: 002- WSF 2 (Liquids); 003- WSF 3 (Manure Runoff)

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	

1.3 Runoff Control Sample Points (No Sampling Required)

Sample Point Number: 006- Feed Storage & Runoff Controls; 007- Outdoor Lots & Runoff Controls, and 008- Storm Water Runoff Controls

1.4 Changes From Previous Permit

SAMPLE POINT: 001

Previous Permit: Steel Process Wastewater Parlor Tank (Abandoned)

Proposed Permit: Solid Waste Storage Facility (WSF 1)

The steel process wastewater parlor tank has been abandoned and sample point 001 is now applicable to the solid manure waste storage facility.

SAMPLE POINT: 002

Previous Permit: Concrete Underbarn Storage Tank (Abandoned)

Proposed Permit: Liquid Waste Storage Facility (WSF 2)

The concrete underbarn storage tank has been abandoned and sample point 002 is now applicable to the liquid waste storage facility (used for leachate and contaminated runoff from both the solid manure and feed storage areas).

SAMPLE POINT: 003

Previous Permit: Proposed Liquid Manure Waste Storage Facility (No Longer Proposed)

Proposed Permit: Manure Runoff Reception Pit (WSF 3)

The proposed liquid manure storage facility that was previously identified under this sample point was never constructed and is no longer proposed. Sample point 003 is now applicable to the manure runoff reception pit.

SAMPLE POINT: 004

Previous Permit: Proposed Process Wastewater Storage Facility (No Longer Proposed)

Proposed Permit: Headland Stacking Sites

The proposed process wastewater storage facility for leachate and feed storage runoff that was previously identified under this sample point was never constructed and is no longer proposed. Sample point 004 is now applicable to solid manure that is land applied from approved headland stacking sites.

SAMPLE POINT: 005

Previous Permit: Proposed Solid Manure Stacking Pad (No Longer Proposed)

Proposed Permit: Miscellaneous Solids

The proposed solid manure stacking pad that was previously identified under this sample point was never constructed and is no longer proposed. Sample point 005 is now applicable to miscellaneous solids that are directly land applied.

SAMPLE POINT: 006

Previous Permit: Solids Removed From Proposed Waste Storage Facilities

Proposed Permit: Feed Storage Area & Runoff Controls

The proposed liquid waste storage facilities that were previously identified under this sample point were never constructed and are no longer proposed. Sample point 006 is now applicable to the feed storage area and associated runoff control system.

SAMPLE POINT: 007

Previous Permit: Miscellaneous Solids

Proposed Permit: Outdoor Feedlots Areas & Runoff Controls

Miscellaneous solids that are directly land applied are now covered under sample point 005 and sample point 007 is applicable to the outdoor feedlot areas and associated runoff control systems that are now in use by the operation.

SAMPLE POINT: 008

Previous Permit: Feed Storage Area & Runoff Controls

Proposed Permit: Storm Water Runoff Controls

The feed storage area and associated runoff control system are now covered under sample point 006 and sample point 008 is applicable to the production area storm water runoff controls.

SAMPLE POINT: 009

Previous Permit: Storm Water Runoff Controls

Proposed Permit: N/A

The production area storm water runoff controls are now covered under sample point 008 and sample point 009 has been removed from the permit.

SAMPLE POINT: 010

Previous Permit: Calf Hutch Area & Runoff Controls (Abandoned)

Proposed Permit: N/A

The calf hutch area and associated runoff controls have been abandoned and sample point 010 has been removed from the permit.

SAMPLE POINT: 011

Previous Permit: Outdoor Calf/Heifer Lot & Runoff Controls (Abandoned)

Proposed Permit: N/A

The outdoor calf and heifer lot and the associated runoff controls that were previously identified under this sample point have been abandoned and sample point 011 has been removed from the permit.

SAMPLE POINT: 012

Previous Permit: Satellite Facility Outdoor Lot & Runoff Controls (Abandoned)

Proposed Permit: N/A

The satellite site, along with the outdoor lot and associated runoff controls that were previously identified under this sample point, are no longer utilized by the operation and sample point 012 has been removed from the permit.

2 Schedules

2.1 Emergency Response Plan

Required Action	Due Date
Develop Emergency Response Plan: Develop a written Emergency Response Plan within 30 days of permit coverage, available to the Department upon request.	07/31/2025

2.2 Monitoring & Inspection Program

Required Action	Due Date
Proposed Monitoring and Inspection Program: Consistent with the Monitoring and Sampling Requirements subsection, the permittee shall submit a proposed monitoring and inspection program within 60 days of the effective date of this permit.	08/30/2025

2.3 Runoff Control System - Engineering Evaluation

Applicable to the outdoor feedlot areas and associated runoff control systems (sample point 007).

Required Action	Due Date
Engineering Evaluation: Submit a written report evaluating the existing outdoor feedlot areas and the associated runoff control systems and their adequacy to permanently meet the conditions in the	07/01/2026

Production Area Discharge Limitations and Runoff Control subsections and s. NR 243.15, Wis. Adm. Code. (See Standard Requirements for report details.)	
Plans and Specifications: Submit plans and specifications for Department review and approval to permanently correct any adverse runoff control conditions in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code.	01/01/2027
Construction and Post Construction Documentation: Complete construction of the improvements that permanently correct any adverse runoff control 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.	10/01/2027

Explanation of Schedule (2.3)

The operation is now utilizing outdoor feedlot areas that were not previously in use at the time the Department issued coverage under the previous permit. The outdoor feedlot areas that are now in use do not have designed production area runoff control systems in place that were installed in accordance with Department approved plans and specifications nor has an engineering evaluation of the outdoor feedlot areas and associated runoff controls been completed to date. Therefore, an engineering evaluation of the outdoor feedlot areas and associated production area runoff control systems has been included in the schedules section of the permit under permit section 2.3.

2.4 Annual Reports

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

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

2.5 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
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 form 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 form 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 form 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 form 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 form 3400-025D.	03/31/2030
Ongoing NMP Annual Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed.	

2.6 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	01/01/2030

Attachments:

Sample Point Map
 Reissuance Inspection Report
 Five-Year NMP Conditional Approval
 180 Day Liquid Manure Storage Review Letter
 Public Notice

PERMIT APPLICATION: *(links provided – or search at the following webpage using the codes listed below:*
<https://permits.dnr.wi.gov/water/SitePages/Permit%20Search.aspx>)

- **WPDES Permit Application:** [AG-APP-WC-2022-17-X11-02T07-50-26](#)
- **Five-Year Nutrient Management Plan (NMP):** [AG-NMP-WC-2022-17-X11-02T07-50-26](#)
 - * **NMP Substantial Revision:** [AG-NMP-WC-2025-17-X03-23T18-05-03](#)
 NMP Substantial Revision which includes landspreading acreage approved to be added to the operation's NMP since the conditional approval of the five-year NMP (approximately 226 spreadable acres of rented land approved April 8, 2025).
 - * **NMP Annual Update:** [AG-NMP-WC-2025-17-X03-23T19-04-49](#)
 The most recent NMP Annual Update submitted to the Department on March 23, 2025 which reflects the operation's current landspreading acreage to date, including any changes since the conditional approval of the five-year NMP (i.e. any landspreading acreage that has since been removed and any approved landspreading acreage that has been added.)
- **180 Day Liquid Manure Storage Calculations:** [AG-PNS-WC-2022-17-X11-02T07-50-26](#)

Prepared By: Clare Freix, Agricultural Runoff Management Specialist
Date: April 30, 2025