Permit Fact Sheet

General Information

Permit Number	WI-0064254-04-0
Permittee Name and Address	Birlings Bovines LLC Main Site: N8212 Town Hall Rd, Black Creek, WI 54106 Satellite Site (Meyer): W5429 Meyer Rd Black Creek, WI
Permitted Facility Name and Address	Birlings Bovines LLC N8212 Town Hall Road Black Creek
Permit Term	January 01, 2026 to December 31, 2030
Receiving Water	Shioc River Watershed, and groundwaters of the state
Discharge Type	Existing, Continuous

Animal Units					
	Current AU		**Proposed AU** **(Note: If all zeroes, expansions are not expected during permit term)**		
Animal Type	**Mixed**	**Individual**	**Mixed**	**Individual**	**Date of Proposed Expansion**
Dairy Calves (under 400 lbs.)	98	0	98	0	01/01/2026
Milking and Dry Cows	2223	2271	2520	2574	01/01/2026
Heifers (400 lbs. to 800 lbs.)	255	425	255	425	01/01/2026
Heifers (800 lbs. to 1200 lbs.)	743	675	743	675	01/01/2026
Steers or Cows (400 lbs. to market)	382	382	800	800	01/01/2026
Total	3701	2271	4416	2574	

Facility Description

Birlings Bovines LLC is a Concentrated Animal Feeding Operation (CAFO) owned and operated by Jim Birlings. It has two sites, the main site and the Meyer site. It currently has 3,701 animal units and based on current herd size, Birlings Bovines has approximately 281 days of liquid waste storage. There is a planned herd size of 4416 animal units (1800 milking & dry cows, 1100 heifers, 490 calves, and 382 steers) by 2026. Birlings Bovines generates 36,894,961 gallons of liquid manure and process wastewater and 4,200 tons of solid manure annually. Birlings Bovines has a total of 3,587 acres available for land application of manure and process wastewater. Of this acreage, 3,542 acres are spreadable, 794 owned, and 2,793 are rented or controlled through contacts.

Substantial Compliance Determination

Enforcement During Last Permit:

- A notice of noncompliance (NON) was sent on 12.3.2019 in response to a wet weather inspection where runoff was found leaving the production area.
- A compliance reminder was sent on 7.29.2025 in response to a annual NMP report that was submitted where manure samples were not taken properly according to NR 243.19.

The facility has completed all previously required actions as part of the enforcement process.

After a desk top review of all annual reports, NMP updates, site inspections (10.29.2024), and compliance schedule items, this facility has been found to be in substantial compliance with their current permit.

Compliance determination made by Makayla Jacobs, agricultural runoff specialist on 11/3/2025

Sample Point Descriptions

Sample Point Designation For Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
001	WSF 1: Sample point 001 is for liquid manure and process wastewater land applied from waste storage facility 1 (WSF 1) located at the Main Farm. WSF 1 is an earthen lined pit with concrete flooring and an access ramp located north of WSF 2 and serves as a sand settling cell while liquid manure flows through an overflow pipe to WSF 2. The facility has an approximate maximum operating level capacity of 2,181,895 gallons. This storage accepts manure and process wastewater from adjacent free stall barns. This facility was constructed in 1995.	
003	WSF 2: Sample point 003 is for liquid manure and process wastewater land applied from waste storage facility 2 (WSF 2) located at the Main Farm. WSF 2 is a concrete lined pit located south of WSF 1. The facility has an approximate maximum operating level capacity of 8 million gallons. This storage accepts manure and process wastewater from WSF 1, collected runoff from the feed storage area, and an adjacent concrete animal lot. Plans and specs were approved in April 2025 and construction was completed October 2025.	
005	Misc Solid Manure: Sample point 005 is for any miscellaneous solid manure directly land applied and not stored in a waste storage facility. This includes calf hutch manure, maternity pen bed pack, heifer bed pack, etc. Representative samples shall be taken for each manure source type.	
006	Main Farm Concrete Lot: Sample point 006 is for visual monitoring and inspection of the concrete feedlot and associated runoff control system located at the Main Farm. Feedlot runoff is pumped into 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.	
007	Feed Storage Area: Sample point 007 is for visual monitoring and inspection of the feed storage area and associated runoff control system at the main dairy. Leachate and runoff is collected through 3 diversion	

Sample Point Designation For Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
	swales located on the north, middle, and south portions of the FSA and then pump to WSF 2. Proper operation and maintenance is required to ensure to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program.	
008	WSF 3: Sample point 008 is for liquid manure and process wastewater land applied from waste storage facility 3 (WSF 3) located at the Main Farm. WSF 3 is an earthen lined pit with concrete floor armoring and access ramp located north of WSF 6 and serves as the sand settling cell of a two-cell storage system. The facility has an approximate maximum operating level capacity of 2,468,712 gallons. This storage accepts manure and process wastewater from adjacent free stall barns. A weir structure between WSF 3 and WSF 6 allows liquids to overflow into WSF 6. This facility was constructed in 2012 and meets permit requirements.	
009	WSF 4: Sample point 009 is for liquid manure and process wastewater land applied from waste storage facility 4 (WSF 4) located at the Meyer Farm. WSF 4 is an earthen pit located at the Meyer Farm west of the existing barn. The facility has an approximate maximum operating level capacity of 2,056,726 gallons. This storage is used as a transfer pit for land applications and as additional storage for the Main Farm. The facility was constructed in 2017 and meets permit requirements.	
011	WSF 5: Sample point 011 is for liquid manure and process wastewater land applied from waste storage facility 5 (WSF 5) located at the main site. WSF 5 is a concrete lined pit located west of the calf hutch area. The facility has an approximate maximum operating level capacity of 850,561 gallons. This storage accepts manure and process wastewater from the adjacent calf barn. This facility was constructed in 2017 and meets permit requirements.	
012	WSF Solids: Sample point 012 is for any manure solids removed from any of the WSFs. This includes manure-laden sand solids, manure fiber solids, etc. Representative samples shall be taken from each waste storage facility when land application occurs.	
014	WSF 6: Sample point 014 is for liquid manure and process wastewater land applied from waste storage facility 6 (WSF 6) located at the Main Farm. WSF 6 is a concrete lined pit south of WSF 3 and is part of a two-cell storage system. The facility has an approximate maximum operating level capacity of 12,147,124 gallons. This storage accepts manure and process wastewater from WSF 3. This facility was constructed in 2017 with department approval.	
016	Stacking Pad 1: Sample point 016 is for solid manure land applied from the designated stacking pad areas located adjacent to WSF 1, and 2. Stacking areas adjacent to WSF 1 and 2 are used to stored bed pack and solid manure from adjacent barns. The stacking pads are sloped, channeling runoff to their respective WSF's. An engineering evaluation was submitted to the department in 2019 and meets permit requirements	
017	Stacking Pad 2: Sample point 017 is for solid manure land applied from the designated concrete stacking pad area located adjacent to WSF 5. This stacking area is used for the storage of waste from the calf hutch area and barn. This stacking pad is sloped, channeling runoff into WSF 5. This pad was constructed in 2017 and meets permit requirements	
019	Storm Water Runoff System: Sample point 019 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	

Sample Point Designation For Animal Waste		
Sample Point Number	**Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)**	
	and process wastewater handling systems. Weekly inspections are required and shall be recorded according to monitoring program.	

Permit Requirements

1 Livestock Operations - Proposed Operation and Management

Production Area Discharge Limitations

Beginning on the effective date of the permit, the permittee may not discharge pollutants from the operation's production area (e.g., manure storage areas, outdoor animal lots, composting and leachate containment systems, milking center wastewater treatment/containment systems, raw material storage areas) to navigable waters, except in the event a 25-year, 24-hour rainfall event (or greater) causes the discharge from a structure which is properly designed and maintained to contain a 25-year, 24-hour rainfall event for this location as determined under s. NR 243.04. If an allowable discharge occurs from the production area, state water quality standards may not be exceeded.

Runoff Control

The permit requires control of contaminated runoff from all elements of the production area to prevent a discharge of pollutants to navigable waters in accordance with the Production Area Discharge Limitations and to comply with surface water quality standards and groundwater standards. Beginning on the effective date of this permit, (if needed) interim measures shall be implemented to prevent discharges of pollutants to navigable waters. In addition, permanent runoff control system(s) shall be designed, operated and maintained in accordance with the requirements found in USDA Natural Resources Conservation Service standards and ch. NR 243, Wis. Adm. Code. If any upgrading or modifications to runoff controls are necessary, formal engineering plans and specifications must submitted to the Department for approval.

Manure and Process Wastewater Storage

The permit requires the operation to have adequate storage for manure and process wastewater and that storage or containment facilities are designed, operated and maintained to prevent overflows and discharges to waters of the state. In order to prevent overflows, the permittee must maintain levels of materials in liquid storage or containment facilities at or below certain levels including a one foot margin of safety that can never be exceeded. If any upgrading or modifications to the storage facilities are necessary, formal engineering plans and specifications must submitted to the Department for approval.

The permittee currently has approximately 281 months of storage for liquid manure. The permittee must maintain 180 days of storage, unless temporary reductions in required storage are approved by the Department.

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 3,701 animal units, it is estimated that approximately 36,894,961 gallons of manure and process wastewater will be produced per year. The permittee owns approximately 794 acres of cropland and rents about 2,793. Given the rotation commonly used by the permittee, 2597 acres are available (or open) to receive manure and process wastewater on an annual basis. The permit requires all land spreading 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 land spread. Land spreading rates must be adjusted based on sample analysis. The permit requires the permittee to maintain a daily log that documents land spreading activities. The permit also requires the submittal of an annual report that summarizes all land spreading activities. Plans must be updated annually to reflect cropping plans and other operational changes. Among the requirements, the plans must include detailed land spreading information including field by field nutrient budgets.

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

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

In addition, the permittee must comply with restrictions on land application of manure and process wastewater on frozen or snow-covered ground. Included in these restrictions is a prohibition on surface applications of solid manure ($\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 land spreading 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; 008- WSF 3; 009- WSF 4; 011- WSF 5; 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 point language for all sample points was updated to more accurately describe existing facilities.

1.1.2 Explanation of Operation and Management Requirements

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

1.2 Sample Point Number: 005- Miscellaneous Solid Manure; 012- WSF Solids; 016- Stacking Pad 1: 017- Stacking Pad 2:

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 13, 15, and 20 were all condensed into sample point 12. Sample point 012 is for any manure solids removed from any of the WSFs. This includes manure-laden sand solids, manure fiber solids, etc.

1.2.2 Explanation of Operation and Management Requirements

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

1.3 Sample Point Number: 006- Main Farm Concrete Lot ; 007- Feed Storage Area , and 019- Storm Water Runoff System

1.3.1 Changes from Previous Permit

Sample point 18 was removed as Birlings Bovines no longer has calf hutch areas.

1.3.2 Explanation of Operation and Management Requirements

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

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 and submit to the department.	02/01/2026

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.	02/01/2026

2.3 Annual Reports

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

Required Action	Due Date
Submit Annual Report #1: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2026
Submit Annual Report #2: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2027

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

2.4 Nutrient Management Plan

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

Required Action	Due Date
Management Plan Submittal: Submit any necessary updates to the Nutrient Management Plan to meet the conditions outlined in this permit (see conditions in the Livestock Operational and Sampling Requirements section).	
Submit NMP Update #1: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2026
Submit NMP Update #2: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2027
Submit NMP Update #3: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2028
Submit NMP Update #4: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2029
Submit NMP Update #5: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D.	03/31/2030
Ongoing Management Plan Annual Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed.	

2.5 Runoff Control System - Engineering Evaluation

This is applicable to the feed storage area.

Required Action	Due Date
Corrections and Post Construction Documentation: Complete construction of runoff controls 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.	01/01/2026

2.6 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	07/01/2030

2.7 Explanation of Schedules

- An emergency response plan is required to be developed per s. NR 243.13(6)(a).
- A monitoring and inspection program is required to be submitted per s. NR 243.19(1).
- Annual reports are required to be submitted per s. NR 243.19(3).
- Nutrient management plan updates are required to be submitted per s. NR 243.19(3).
- Post Construction of associated runoff controls has been included per NR. 243.16(1)

Attachments

Map(s)

- 10.29.2024_Reissuance Inspection
- Sample point map

Plan Approval Letter(s)

- 7/28/2025_Condition NMP Approval
- 5/14/2025_DOS Approval

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: 11/6/2025

State of Wisconsin
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May 14, 2025

FILE REF: R-2025-0088
WPDES Permit #: WI-0064254

Dan Birling
Birlings Bovines LLC
N8212 Townhall Rd
Black Creek, WI 54106

Subject: Days of Storage Review for Birlings Bovines LLC T24N, R17E, Section 22 in Cicero Township, Outagamie County – NO ADDITIONAL ACTION REQUIRED

Dear Mr. Birling:

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 Clark Fox, Outland Design on March 31, 2025 on behalf of Birlings Bovines 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 Birlings Bovines LLC will have 281 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 number of animal units provided for the calculation is 4,416. The calculations are for the site following construction of facility expansion plan (R-2025-0017). Without construction of the proposed facilities, Birlings Bovines LLC has 334 days of liquid waste storage. The liquid waste volumes are based on the NRCS spreadsheet and other estimated or calculated values for a collection period of 365 days. All runoff, up to the 25yr – 24hr storm, is captured from the feed storage area, stacking pad, heifer lot, stacking pad, and load out pad and captured in one of the six WSFs. A remaining waste of 1 ft is included in the WSF 4 through 6 due to a lack of sump or ramp to remove solids.

Waste Storage	Total Vol. from Settled Top to Bottom	Remaining Waste	25-yr, 24-hr Precip. on Storage	25-yr, 24-hr Collected Runoff	Freeboard Vol.	Max. Operating Level (MOL) Vol.
WSF1	2,539,072	0	77,338	0	273,730	2,188,004
WSF2	9,988,480	0	299,499	726,879	842,946	8,119,156
WSF3	2,872,677	0	100,793	0	303,172	2,468,712
WSF4	2,750,677	292,977	103,895	0	296,844	2,056,961
WSF5	1,132,225	64,178	66,547	19,268	131,648	850,584
WSF6	14,784,684	606,284	371,494	0	1,045,330	12,761,576
					Total MOL Vol:	**28,444,993**
					Days of Storage:	**281**

Liquids Collected/Stored	Annual Gallons
Manure and Bedding	23,991,684
Parlor Wastewater	1,982,680
Feed Storage Leachate	180,866
Feed Storage Runoff Collected	5,414,456
Feedlot Runoff	157,309
Net Precipitation on Storage Surfaces	4,937,617
Stacking Pad Runoff Collected	195,733
WSF2 Load Out Pad Runoff Collected	34,616
TOTAL:	**36,894,961**

Should you have any questions, please contact Tony Salituro, 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

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July 28, 2025

Outagamie County
Approval

Dan Birling
Birlings Bovines LLC
N8212 Townhall Rd
Black Creek, WI 54106

SUBJECT: Conditional Approval of Birlings Bovines LLC Nutrient Management Plan, WPDES Permit No. 0064254-04-0

Dear Dan Birling:

After completing a review of Birlings Bovines 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 Birlings Bovines 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 3701 animal units (1588 milking & dry cows, 1100 heifers, 490 calves, and 382 steers). A planned herd size of 4416 animal units (1800 milking & dry cows, 1100 heifers, 490 calves, and 382 steers) by 2026.

2. Manure generation and spreading records indicate your herd will annually generate approximately 27,038,846 gallons of manure and process wastewater and 4200 tons of solid manure in the first year of the permit term, and approximately 36,894,961 gallons of manure and process wastewater and 4200 tons of solid manure after the expansion.

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 Birlings Bovines LLC currently has 3587 acres (793.7 owned and 2793 controlled through contracts, rental agreements or leases, or under manure agreements) of which 3542 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.

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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 Birlings Bovines 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 are prohibited from receiving applications of manure or process wastewater:
   - 19 (P2O5 drawdown not met)
   - 51 (need soil samples)
   - DVH111 (need soil samples)

   If Birlings Bovines 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.

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, Birlings Bovines 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. Birlings Bovines LLC shall record daily manure applications by using form 3200-123A.

7. Birlings Bovines 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, excluding W soils:
   - 41
   - 77
   - G96
   - Y84

10. 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.

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

12. 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

13. No headland stacking sites are approved. Please note that, upon reissuance of the Birlings Bovines CAFO WPDES permit, no previously approved sites may be used. Any proposed future headland stacking sites must receive Department approval.

MANURE & PROCESS WASTEWATER IRRIGATION

14. Irrigation of manure or process wastewater is prohibited.

SUBMITAL AND RECORDKEEPING REQUIREMENTS

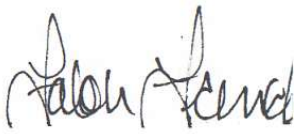
15. A copy of this conditional approval shall be included in all future annual Nutrient Management Plan Updates in addition to the NR 243 and NRCS 590 checklists.

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 locate permits, zoning and regulatory requirements.

If you have any questions regarding this approval I can be reached at (608) 228-5265 or Falon.French@Wisconsin.gov.

Sincerely,



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

cc: Makayla Jacobs, WDNR Agricultural Runoff Specialist (makayla.jacobs@wisconsin.gov)
Joe B Baeten, WDNR Watershed Field Supervisor (Joseph.Baeten@wisconsin.gov)
Liz Usborne, WDNR Acting Agricultural Runoff Section Manager (elizabeth.usborne@wisconsin.gov)
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator (Aaron.Orourke@Wisconsin.gov)
Ashley Scheel, WDNR CAFO Nutrient Management Plan Reviewer (Ashley.Scheel@Wisconsin.gov)
Tony Salituro, WDNR CAFO Review Engineer (anthony.salituro@wisconsin.gov)
Greg Baneck, Outagamie County (greg.baneck@outagamie.org)
Scott Frank, Shawano County (scott.frank@co.shawano.wi.us)
William Schaumberg, Tilth Agronomy (bill@tilthag.com)
File

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Tony Evers, Governor
Adam N. Payne, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

November 6, 2024

Jim Birlings
Birlings Bovines LLC
N8128 Town Hall Rd
Black Creek, WI 54106

WPDES Permit No. 0064254-03-0
Outagamie County

Subject: Reissuance Inspection 10/29/2024

Dear Mr. Jim Birlings:

On October 29, 2024, the Department of Natural Resources (department) conducted a reissuance walkover inspection of Birling Bovines LLC. Results and photos are included in the enclosed report. The department has noted follow up action items on page 28 in the enclosed report.

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

Sincerely,

Makayla Jacobs
Agricultural Runoff Management Specialist

Electronic CC:
Gregory Baneck - Outagamie County
Bill Shaumberg - Tilth Agronomy
Joe Baeten, Trent Brenny - DNR

PRINTED ON RECYCLED PAPER

CAFO Compliance Inspection Report

Inspection Date: 10/29/2024

Report Final Date: 11/6/2024

Operation Name: Birlings Bovines LLC

WPDES Permit #: WI-0064254-03-0

Farm Address:

Main Farm: N8128 Town Hall Rd, Black Creek, WI 54106

Meyer Farm (Satellite): W5429 Meyer Rd, Black Creek, WI 54106

On-Site Representative(s): Jim Birling Owner/Operator

DNR Staff—Makayla Jacobs and Trent Brenny

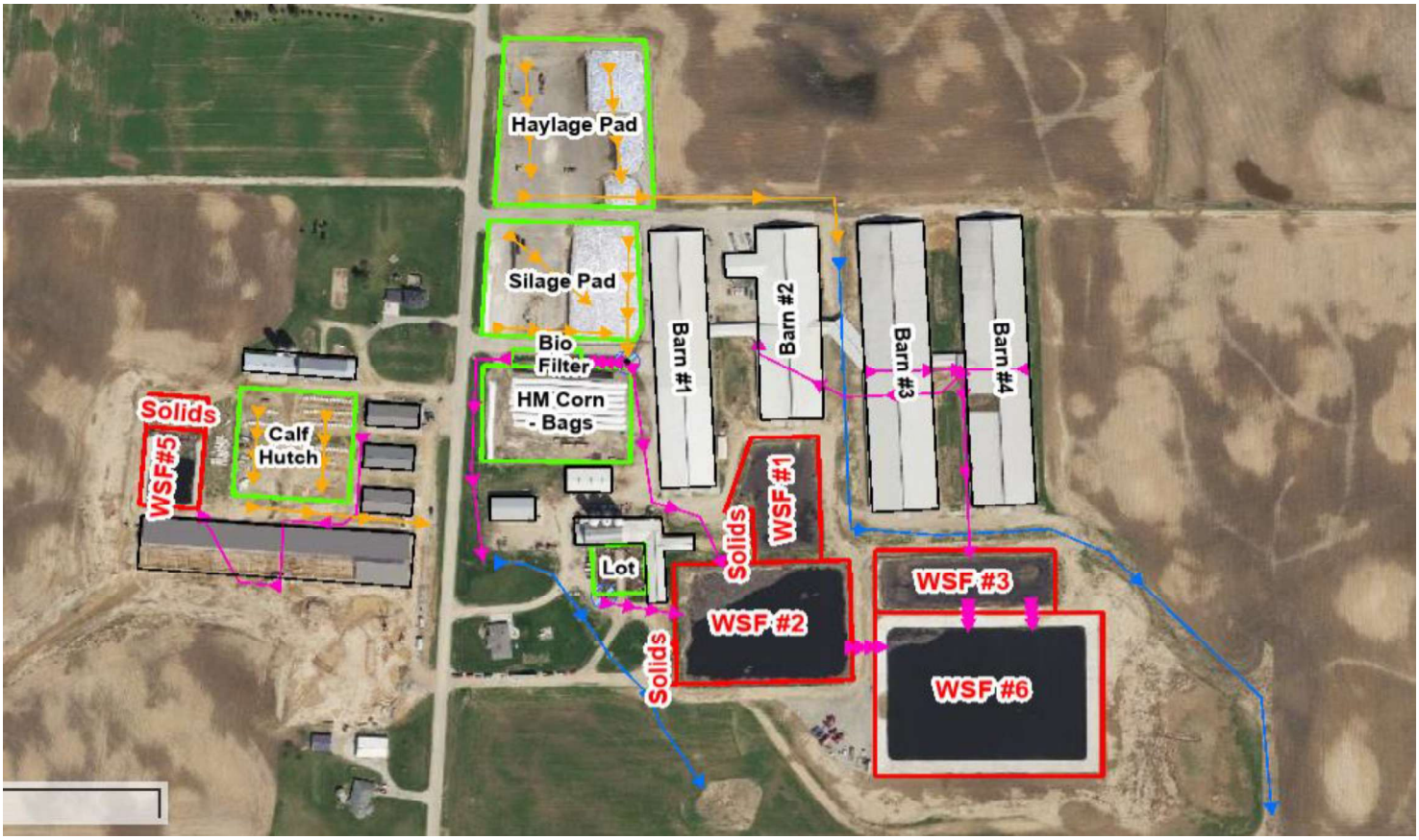
Crop Consultant— Bill Schaumberg (Tilth)

Report Author: Makayla Jacobs

Introduction

On October 29, 2024, Jacobs and Brenny met with Jim Birling (Owner/Operator) and other farm representatives to conduct a permit reissuance inspection of Birlings Bovines. Inspections were conducted at all sites currently covered under the WPDES Permit: Main Farm and Meyer Farm (Satellite). No significant changes to site management have occurred since the reissuance. No precipitation had fallen 24 hours prior to the inspection.

Site Overview Diagram (Main Dairy)



Site Overview Diagram (Satellite Site: orange lines =potential runoff flow patterns, blue lines = stormwater flow, pink lines = waste transfer system, yellow circles indicate water supply well locations)

SITE OBSERVATIONS :

Feedlot Runoff

Birlings Bovines utilizes one outdoor lot at the Main Farm. Manure from the concrete feedlot is scraped weekly into a reception tank then pumped to WSF 2.

Feedlot areas are managed to not have current or past indicators of discharges.

Calf Hutch Areas

Calf hutches are no longer utilized by the farm. The calves are currently under roof. If the farm wishes to utilizes the calf hutch area in the future the calf hutch area runoff controls system must be evaluated.

Waste Storage Facilities

Manure and process wastewater is currently permitted to be stored in six waste storage facilities, four at the Main Farm (WSF 1, 2, 3, 5, and 6), and one at the Meyer satellite site (WSF 4). Additionally, solid stacking pads are in use at the Main Farm. Previously, the reviewable facilities west of town hall road. (WSF 5 and Solid Stacking) were considered to be at a satellite site (Birlings Baby Bovines). These WSF will now be considered to be part of the main production site.

Main Farm

• WSF 1 is an earthen lined storage with concrete floor and armoring located at the Main Farm north of WSF 2 and to the east of the outdoor concrete lot. This storage serves as the sand settling cell of a two celled storage system. WSF 1 was constructed in 1995. A permanent markers were observed.

• WSF 2 earthen lined storage located at the Main Farm south of WSF 1 and to the east of the outdoor concrete lot. This storage serves as the second cell of a two-celled storage system. This storage accepts manure and process wastewater from WSF 1, and the outdoor concrete lot. A permanent marker was observed in WSF 2. WSF 2 was upgraded in 2007. The farm is planning to modify waste storage facility 2; post department of approval.

• WSF 3 is an earthen lined storage with concrete floor and armoring located at the Main Farm north of WSF 6 and to the east of WSF 1. This storage serves as the sand settling cell of a two-celled storage system. WSF 3 was constructed in 2012. A permanent marker was observed.

• WSF 6 earthen lined storage located at the Main Farm south of WSF 3. This storage serves as the second cell of a two-celled storage system. This storage accepts manure and process wastewater from WSF 3. A permanent marker was observed. WSF 6 was constructed in 2017.

• Manure Stacking Pads. Solid manure is stacked on concrete pads adjacent to WSF 1 and WSF 2. These pads directly drain into their respective WSF's. The stacking pads were last evaluated in 2019 and were found to be in compliance (R-2019-0219).

• WSF 5 is a concrete-lined waste storage facility. Permanent markers and perimeter fencing were in place at the time of inspection.

• Manure Stacking Pad. Solids are stored on a concrete stacking pad located to the north of WSF 5; runoff from this area WSF flows into WSF 5

Meyer Farm Satellite Site

• WSF 4 is an earthen lined storage facility used as additional storage and for land application. Liquid manure is transferred to WSF 4 from the main site. Permanent markers and perimeter fencing in place.

Solid and liquid waste storage facilities are managed to not have current or past indicators of discharges.

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

Waste from the milking center is stored in WSF 3. Process wastewater sources are managed to not have current or past indicators of discharges.

Animal Mortality Disposal

Mortalities are picked up as needed by OJ Krull.

Animal mortalities are managed to not have current or past indicators of discharges.

Feed Storage Area (FSA) Runoff

All feed is stored at the Main Farm. Haylage is kept to the north section of the pad and silage is kept to the south.

North Asphalt Haylage Feed Pad

• Haylage is kept covered on asphalt to the north side of the Main Farm. Runoff is directed east following the driveway, then south between barns to a collection drain to a grassed waterway to the east of the production area. According to the farm, the FSA runoff control system plans will be submitted to the department by the end of 2024.

Corn Silage Feed Pad

• Corn silage is stored and kept covered on concrete south of the Haylage pad. Runoff from the feed pad flows southeast to the runoff collection system, which consists of a collection tank, vegetated treatment area (VTA) and biofilter. Feed leachate is also collected via tile lines located to the west and south of the feed storage pad then transferred to the runoff collection system. First flush (0.5 inches) is collected and transferred from the collection tank into WSF 1. Additional runoff is directed east to a VTA and biofilter. The material present in biofilter is replaced yearly. Runoff from the biofilter flows to a grassed swale that runs south along Town Hall Rd, then southeast across the production area to a storm water retention basin then leaves the production area. According to the farm, the FSA runoff control system plans will be submitted to the department by the end of 2024.

High Moisture Corn

• High moisture corn is kept in bags on gravel south of the Corn Silage Feed Pad. No runoff controls are in place but are not required as long as the farm follows their operation and maintenance plan. An evaluation was submitted in 2019, no further actions were required (R-2019-0219).

Ancillary Service Areas

Preventative maintenance actions and visual inspections are occurring to minimize pollutant discharges from ancillary service and storage areas.

RECORDS REVIEW

- The permittee has a 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 the nutrient management plan.
- The permittee has copies of their emergency response and monitoring and inspection plans.

Photo #:	0525
Date/Time of Photo:	10/29/2024 11:03
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the East side of the outdoor feed lot looking Northeast. View of outdoor feedlot area.

Photo #:	0526
Date/Time of Photo:	10/29/2024 11:03
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the East side of the outdoor feed lot looking Northwest. View of outdoor feedlot area.

Photo #:	0527
Date/Time of Photo:	10/29/2024 11:03
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the East end of the feed lot looking West. View of outdoor feed lot pump that goes to WSF 2.

Photo #:	0531
Date/Time of Photo:	10/29/2024 11:10
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the West end of the calf hutch area looking Northeast. Calf hutches haven't been used in 8 months.

Photo #:	0493
Date/Time of Photo:	10/29/2024 10:41
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the West side of WSF 1 looking North. View of WSF 1.

Photo #:	0496
Date/Time of Photo:	10/29/2024 10:42
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the West side of WSF 1 looking North. View of WSF 1.

Photo #:	0499
Date/Time of Photo:	10/29/2024 10:43
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the North side of WSF 1 looking Southwest. View of Markers circled in red.

Photo #:	0501
Date/Time of Photo:	10/29/2024 10:44
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the East side of WSF 1 looking Northwest. View of WSF 1.

Photo #:	0502
Date/Time of Photo:	10/29/2024 10:46
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the Southeast side of WSF 1 looking West. View of WSF 1.

Photo #:	0503
Date/Time of Photo:	10/29/2024 10:46
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the North side of WSF 2 looking South. View of WSF 2.

Photo #:	0504
Date/Time of Photo:	10/29/2024 10:46
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the North side of WSF 2 looking West. Circled in red is the marker.

Photo #:	0505
Date/Time of Photo:	10/29/2024 10:47
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the West side of WSF 3 looking East. View of WSF 3.

Photo #:	0509
Date/Time of Photo:	10/29/2024 10:49
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the North side of WSF 3 looking South. Circled in red are the markers.

Photo #:	0511
Date/Time of Photo:	10/29/2024 10:50
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the East side of WSF 3 looking North. View of WSF 3.

Photo #:	0512
Date/Time of Photo:	10/29/2024 10:50
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the East side of WSF 3 looking South. Circled in red if a view of wooded vegetation.

Photo #:	0514
Date/Time of Photo:	10/29/2024 10:52
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the North side of WSF 6 looking Southwest. View of WSF 6.

Photo #:	0515
Date/Time of Photo:	10/29/2024 10:53
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the East side of WSF 6 looking West. View of WSF 6.

Photo #:	0517
Date/Time of Photo:	10/29/2024 10:54
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the South side of WSF 6 looking Northwest. View of WSF 6.

Photo #:	0519
Date/Time of Photo:	10/29/2024 10:56
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the South side of WSF 6 looking North. View of WSF 6.

Photo #:	0520
Date/Time of Photo:	10/29/2024 10:57
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the west side of WSF 6 looking Northeast. Circled in red are the markers.

Photo #:	0521
Date/Time of Photo:	10/29/2024 10:58
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the South side of WSF 2 looking North. View of WSF 2.

Photo #:	0522
Date/Time of Photo:	10/29/2024 11:00
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the South side of WSF 2 looking North. View of WSF 2.

Photo #:	0534
Date/Time of Photo:	10/29/2024 11:12
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the East side of WSF 5 looking West. View of WSF 5.

Photo #:	0535
Date/Time of Photo:	10/29/2024 11:12
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the East side of WSF 5 looking South. View of WSF 5.

Photo #:	0536
Date/Time of Photo:	10/29/2024 11:12
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the East side of WSF 5 looking into the pit. Circled in red are the markers.

Photo #:	0537
Date/Time of Photo:	10/29/2024 11:13
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the North side of WSF 5 looking West. View of the edge of WSF 5 and solid manure stacking.

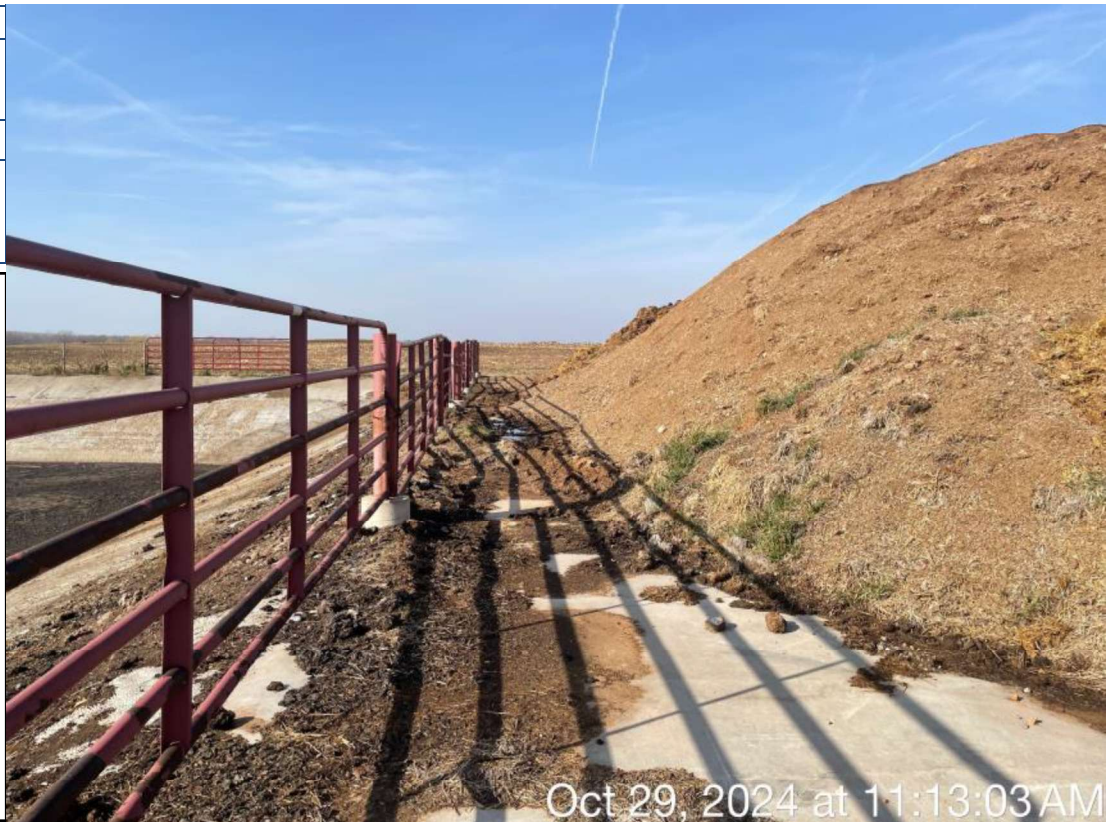


Photo #:	0539
Date/Time of Photo:	10/29/2024 11:13
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the North side of the Solid stacking area by WSF 5, looking South.

Photo #:	0533
Date/Time of Photo:	10/29/2024 11:11
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the East side of the solid stacking are by WSF 5 looking West. View of solid stacking area.

Photo #:	0494
Date/Time of Photo:	10/29/2024 10:41
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the North side of the solid stacking area over by WSF 1 looking South. View of solid stacking area.

Photo #:	0495
Date/Time of Photo:	10/29/2024 10:41
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the South side of the solid stacking area over by WSF 1 looking North. View of solid stacking area.

Photo #:	0542
Date/Time of Photo:	10/29/2024 11:31
Photo By:	Makayla Jacobs
Photo Location:	Meyer Farm (Satellite)

Photo Description:

Standing on the East side of WSF 4 looking South. View of WSF 4/

Photo #:	0544
Date/Time of Photo:	10/29/2024 11:31
Photo By:	Makayla Jacobs
Photo Location:	Meyer Farm (Satellite)

Photo Description:

Standing on the East side of WSF 4 looking North. View of WSF 4.

Photo #:	0472
Date/Time of Photo:	10/29/2024 10:27
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the East side of the Feed Storage area looking North. View of Feed Storage.

Photo #:	0474
Date/Time of Photo:	10/29/2024 10:27
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the Northeast side of the feed storage area looking West. View of feed storage area.

Photo #:	0475
Date/Time of Photo:	10/29/2024 10:28
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the North side of the feed storage area looking South. View of feed storage area.

Photo #:	0478
Date/Time of Photo:	10/29/2024 10:29
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the North side of the feed storage area looking South. View of feed storage area.

Photo #:	0482
Date/Time of Photo:	10/29/2024 10:31
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the west side of the feed storage area looking south. View of feed storage area.

Photo #:	0483
Date/Time of Photo:	10/29/2024 10:32
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the Southwest corner of the silage pad looking North. View of ponding leachate on the Southwest corner.

Photo #:	0484
Date/Time of Photo:	10/29/2024 10:32
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing on the Southwest side of the feed storage looking East. View of feed storage area.

Photo #:	0492
Date/Time of Photo:	10/29/2024 10:38
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the East side of the High Moisture corn bags looking west. View of HM corn bags.

Photo #:	0485
Date/Time of Photo:	10/29/2024 10:33
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the west end of the Bio Filter looking east. View of Bio Filter.

Photo #:	0487
Date/Time of Photo:	10/29/2024 10:35
Photo By:	Makayla Jacobs
Photo Location:	Main Farm

Photo Description:

Standing at the East side of the of the bio filter looking West. View of bio filter area.

Photo #:	0528
Date/Time of Photo:	10/29/2024 11:03
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing at the West side of the feed lot looking West. View of stormwater area.

Photo #:	0529
Date/Time of Photo:	10/29/2024 11:05
Photo By:	Makayla Jacobs
Photo Location:	Main Dairy

Photo Description:

Standing at the Bio Filter outlet.

SUMMARY:

Areas of Concern

- Wooded vegetation noticed on the perimeter of WSF 3.

Action Items

- Submit plans and specs for the feed storage area runoff control system by **January 1, 2025.**
- Woody Vegetation should be removed from the perimeter of WSF 3. Please submit photo documentation of woody vegetation removal by **December 1, 2024.**
- Submit permit reissuance application **April 1, 2025.**