# Permit Fact Sheet

## General Information

| | |
|---|---|
| Permit Number | WI-0067441-01-0 |
| Permittee Name and Address | Augustian Farms LLC<br>E4361 County Road G<br>Kewaunee, WI 54216 |
| Permitted Facility Name and Address | Augustian Farms LLC<br>E4361 County Highway G<br>Kewaunee, WI 54216 |
| Permit Term | August 01, 2026 to July 31, 2031 |
| Receiving Water | Unnamed tributaries within the East Twin River Watershed, Lake Michigan Drainage Basin, and groundwaters of the state |
| Discharge Type | Existing source CAFO per NR 243.03(23) as the facility has been permitted since 2015. |

| **Animal Units** | | | | | |
|---|---|---|---|---|---|
| | **Current AU** | | **Proposed AU**<br>**(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.) | 6 | 0 | 0 | 0 | |
| Milking and Dry Cows | 1610 | 1645 | 0 | 0 | |
| Heifers (800 lbs. to 1200 lbs.) | 121 | 110 | 0 | 0 | |
| Steers or Cows (400 lbs. to market) | 80 | 80 | 0 | 0 | |
| Total | 1817 | 1645 | 0 | 0 | |

## Facility Description

Augustian Farms, LLC is an existing Concentrated Animal Feeding Operation (CAFO) located in the Township of Carlton in Kewaunee County. Augustian Farms, LLC is owned and operated by Aaron Augustian and family. Augustian Farms, LLC consists of a main production area located E4361 County Rd G, Kewaunee, WI 54216. The production site consists of two waste storage facilities, one feed storage area, one solid stacking area, two barns with outdoor lots, a sand separator, and multiple barns.

The current herd size is 1,817 animal units (1,150 milking & dry cows, 110 heifers, 80 steers and 30 calves). Augustian Farms, LLC currently produces approximately 15.6 million gallons of liquid manure and process wastewater, and

approximately 1,050 tons of solid manure annually. Augustian Farms, LLC has 236 days of storage. Augustian Farms, LLC owns and rents approximately 2,224.3 acres of cropland, of which 2,186.5 acres are available for manure application.

# Substantial Compliance Determination

**Enforcement During Last Permit:**

The following enforcement occurred during the previous permit term:
A notice of violation was sent to Augustian Farms, LLC on November 24, 2025 for a production site discharge. Augustian Farms, LLC took immediate actions to remedy the discharge area.

After a desktop review of annual reports, nutrient management plan updates, compliance schedule items, and a site visit on April 28, 2026, this facility has been found to be in substantial compliance with their current permit.

# Sample Point Descriptions

| Sample Point Designation For Animal Waste | | |
|---|---|---|
| **Sample Point Number** | **Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)** | |
| 001 | Sample point 001 is for liquid waste storage facility 1 (WSF 1) located at Augustian Farms LLC. WSF 1 is a clay-lined, concrete bottom storage located on the south side of the production site. The facility has a capacity of 5,927,369 gallons and was constructed in 2009. This storage accepts manure and process wastewater from the free stall barns and milking parlor. WSF 1 was last evaluated in 2015 and met permit requirements. | |
| 002 | Sample point 002 is for liquid waste storage facility 1 (WSF 2) located at Augustian Farms LLC. WSF 2 is a concrete- composite storage located east of the feed storage area. The facility has a capacity of 4,126,209 gallons and was built in 2022. This storage accepts manure from the solid stacking area and process wastewater from the feed storage area. WSF 2 was last evaluated in 2022 at time of construction and met permit requirements. | |
| 003 | Sample point 003 is for the solid manure stacking area located at Augustian Farms LLC. The solid manure stacking area is a concrete pad located on the east side of the feed storage area. The stacking area was last evaluated in 2022 at time of construction and met permit requirements. This storage accepts solid manure from the heifer and steer barns. | |
| 004 | Sample point 004 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. | |
| 005 | Sample point 005 is for separated sand. These are typically reused as bedding and stored in existing manure processing building. Separated solids may also be distributed to another party according to Department approval and Distribution of Manure and Process Wastewater section of permit. | |
| 006 | Sample point 006 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. | |
| 007 | Sample point 007 is for visual monitoring and inspection of the feed storage area and associated runoff control system located on the north side of the production site. Proper operation and maintenance are | |

| Sample Point Designation For Animal Waste | | |
|---|---|---|
| **Sample Point Number** | **Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)** | |
| | required to ensure discharges of process wastewater to waters of the state do not occur. Weekly inspections are required and shall be recorded according to monitoring program. | |
| 008 | Sample point 008 is for visual monitoring and inspection of the concrete feedlot and associated runoff control system located north of WSF 2. Proper operation and maintenance are required to ensure discharges of the state do not occur. Weekly inspections are required and shall be recorded according to monitoring program. | |
| 009 | Sample point 009 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 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 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 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 236 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 1,150 milking and dry cows, 110 heifers, 80 steers, and 30 calves, it is estimated that approximately 1,050 tons of manure and process wastewater will be produced per year. The permittee owns *approximately 315.5* acres of cropland and rents about 1,908.8 acres. Given the rotation commonly used by the permittee, 2,186.5 acres are available (or open) to receive manure and process wastewater on an annual basis. The permit requires all landspreading of manure and process wastewater be completed in accordance with an approved nutrient management plan. The permit will require sampling and analysis of manure and process wastewater that will be landspread. Landspreading rates must be adjusted based on sample analysis. The permit requires the permittee to maintain a daily log that documents landspreading activities. The permit also requires the submittal of an annual report that summarizes all landspreading activities. Plans must be updated annually to reflect cropping plans and other operational changes. Among the requirements, the plans must include detailed landspreading information including field by field nutrient budgets.

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

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

In addition, the permittee must comply with restrictions on land application of manure and process wastewater on frozen or snow-covered ground. Included in these restrictions is a prohibition on surface applications of solid manure ($\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 | |
| Phosphorus, Available | | lb/1000gal | 2/Month | Calculated | |
| Solids, Total | | Percent | 2/Month | Grab | |

### 1.1.1 Changes from Previous Permit

Sample point 001 was added to the permit to cover WSF 1.

Sample point 002 was added for a new Waste Storage Facility 2 (WSF 2) approved by the department on 06/15/2021 (R-2021-005).

### 1.1.2 Explanation of Operation and Management Requirements

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

## 1.2 Sample Point Number: 003- Solids 1; 004- Headland Stacking; 005- Separated Sand; 006- Miscellaneous Solid Manure

| 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 point 003 was added for a solid stacking pad approved by the department on 6/15/2021 (R-2021-0055).

Sample point 005 was added for a sand separator system and transfer line system approved by the department on 10/24/2023 (R-2023-0166).

### 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: 007- Feed Storage Area; 008- Feedlot, and 009- Storm Water Conveyance

### 1.3.1 Changes from Previous Permit

Sample point 009 was added for storm water runoff control system to account for monitoring and inspecting requirements.

### 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: Develop a written Emergency Response Plan within 30 days of permit coverage, available to the Department upon request. | 09/01/2026 |

## 2.2 Explanation of Schedules

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

## 2.3 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 submit a proposed monitoring and inspection program within 60 days of the effective date of this permit. | 10/01/2026 |

## 2.4 Explanation of Schedules

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

## 2.5 Annual Reports

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

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

## 2.6 Explanation of Schedules

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

## 2.7 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). | |
| Management Plan Annual Update #1: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D. | 03/31/2027 |
| Management Plan Annual Update #2: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D. | 03/31/2028 |
| Management Plan Annual Update #3: To include actual cropping, tillage, and nutrient application data from the previous calendar or crop year, consistent with the requirements of department for 3400-025D. | 03/31/2029 |
| Management Plan Annual 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 | 03/31/2030 |

| | |
|---|---|
| 3400-025D. | |
| Management Plan Annual 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. | |

## 2.8 Explanation of Schedules

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

## 2.9 Submit Permit Reissuance Application

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

## 2.10 Explanation of Schedules

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

# Attachments

April 28, 2026 Permit Reissuance Inspection Report
July 22, 2024, Permit Reissuance Inspection Report
October 23, 2024, Conditional Nutrient Management Plan Approval
October 15, 2024, Days of Storage Review Letter
Sample Point Map
Link to Documents:
AG-NMP-NE-2024 31-X09-27T09-26-16
AG-PNS-NE-2024-31-X09-27T09-26-16
AG-APP-NE-2024-31-X09-27T09-26-16

# Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit reissuance.

**Prepared By: Brittiny Mueller** **Agriculture Runoff Specialist** **Date: May 27, 2026**

**State of Wisconsin**
**DEPARTMENT OF NATURAL RESOURCES**
**2984 Shawano Avenue**
**Green Bay WI 54313**

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

May 4, 2026

Aaron Augustian
Augustian Farms LLC
E4361 County Rd G
Kewaunee, WI 54216

Permit No.: WI-0063274-01-0
County: Kewaunee

Dear Mr. Aaron Augustian:

On April 28, 2026, the Department of Natural Resources (department) met with you to conduct a partial reissuance inspection at Augustian Farms LLC. Observations made by the department during the inspection are included in the enclosed report.

If you have any questions regarding this letter or your WPDES permit requirements, please contact me at 608-228-9184 or brittiny.mueller@wisconsin.gov.

Sincerely,

Brittiny Mueller
Regional CAFO Specialist

Enclosure: Permit Reissuance Inspection Report

CC: Erin Hanson- WDNR
Davina Bonness, Travis Engels- Kewaunee County LWCD
Jen Keuning, Nick Coady- GHD
Kevin Beckard- AgSource Laboratories

**CAFO Compliance Report (May 4, 2026)**

Inspection Date: April 28, 2026

Inspection Type: Partial Inspection for Reissuance

Operation Name: Augustian Farms LLC

WPDES Permit No. WI-0063274-01-0

Operation Address: E4361 County Rd G, Kewaunee, WI 54216

On-Site Representative(s): Aaron Augustian, Owner

DNR Staff / Report Writer: Brittiny Mueller, Regional CAFO Specialist

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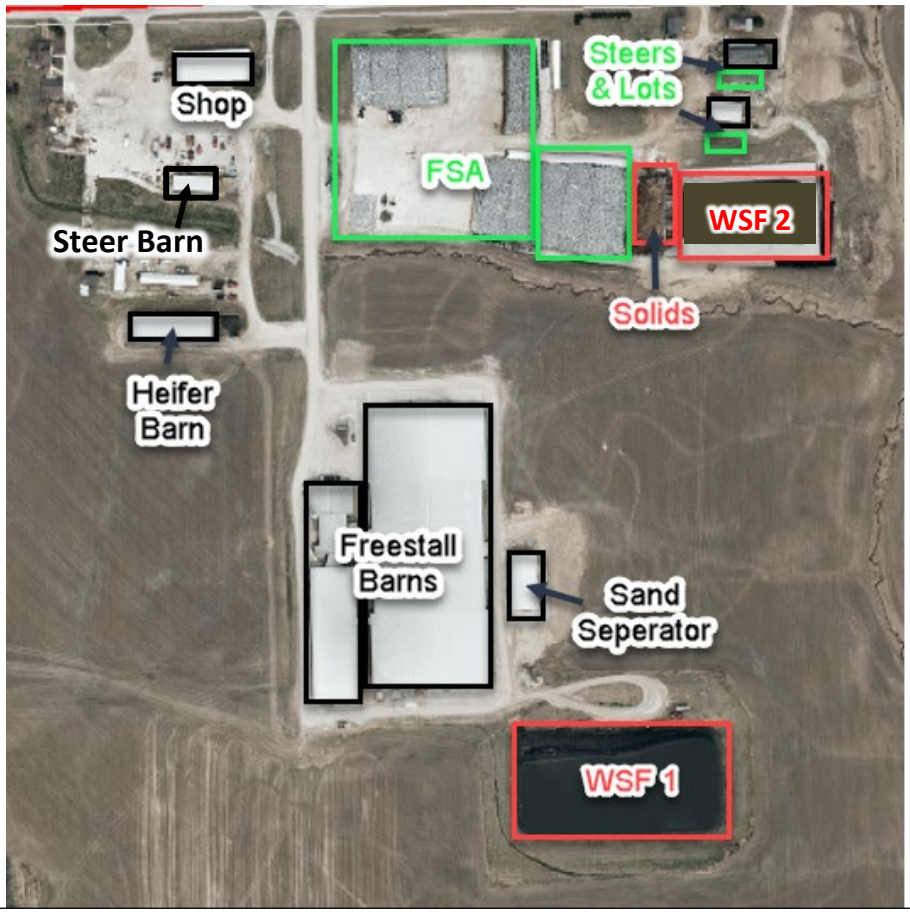
At approximately 10:00 am on April 28, 2026, Brittiny Mueller, Regional CAFO Specialist, WDNR, met with Aaron Augustian, owner of Augustian Farms LLC, to conduct a partial site inspection for the purpose of WPDES Reissuance inspection. A prior reissuance inspection was completed on July 22, 2024. Aaron Augustian was joined by Kevin Beckard, agronomist with AgSource Laboratories. The farm is located at NW ¼ NE ¼ S23 T22N R24E, Township of Carlton, Kewaunee County. The weather during the inspection was windy and 50°F.




**Aerial Map 1.** The figure above illustrates the aerial view of Augustian Farms LLC. The production site consists of two liquid storage facilities, one solid stacking area, a sand separation system, several animal barns, and one feed storage area. The aerial image was obtained from Kewaunee County GIS Website.

**SITE OBSERVATIONS**

Feedlot Runoff
Augustian Farms LLC utilizes two outdoor concrete feedlots for steers. The feedlots are located on the northeast corner of the production site. A sump is located within the feedlots to collect runoff, which is then manually collected using a PTO-driven VAC tanker. Curbing is present to contain runoff within the concrete lots.

Feedlot areas are managed to not have current or past indicators of discharges.
Feedlot runoff control systems are well-maintained, in good repair and in compliance with permit requirements.

Calf Hutch Areas
Augustian Farms LLC does not utilize outdoor calf hutch areas. All calves are housed under roof until they are taken off-site to a custom calf raising facility.

Waste Storage Facilities
Augustian Farms LLC utilizes one in place earthen and one concrete liquid waste storage facility. The barns are bedded with separated sand from the sand separator on site.

WSF 1 is located southeast of the freestall barn on the southeast side of the farm. WSF 1 is an in place earthen liquid waste storage facility that was built in 2009 with Department approval. WSF 1 has a maximum operating level (MOL) capacity of approximately 5.9 million gallons. WSF 1 accepts manure and process wastewater from the freestall barns.

WSF 2 is located east of the feed storage area on the northeast side of the farm. WSF 2 is a concrete liquid waste storage facility that was built in 2021 with Department approval. WSF 2 has a MOL of approximately 4.1 million gallons. WSF 2 accepts runoff from the feed storage area and solid manure stacking area.

Augustian Farms LLC utilizes a sand separation system that removes sand bedding from the liquid manure generated in the freestall barns. The Stjernholm sand separator is located in the sand separation building. Sand that is removed is conveyed to a stacking location within the building. Leachate from the sand stacking piles gravity flows into a collection flume.

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

Process Wastewater (other than feed storage area leachate/runoff)
Process wastewater generated in the parlor at Augustian Farms LLC is combined with manure generated in the freestall barns and transferred to existing storage through the manure transfer systems.

Process wastewater sources (milking center, wash water, etc.) are managed to not have current or past indicators of discharges.

Feed Storage Area Runoff
Augustian Farms LLC utilizes one concrete feed storage area located on the north side of the production site. The feed pad stores corn silage and haylage on piles covered in plastic. The feed pad has a containment curb on the north side and an apron around the west and south side of the feed pad to prevent leachate and runoff

from leaving the feed pad. Runoff from the feed pad flows west-to-east where its gravity flows into WSF 2, where the process wastewater is stored until it can be land applied.

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

Animal Mortality Disposal
Animal mortalities picked up daily, as needed, by Sandy Bay Mink Ranch.

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

Ancillary Service Areas
Augustian Farms LLC utilizes surface inlets and grassed ditches to manage stormwater on the farm. There were no contaminants observed within the stormwater drainage ditches or near manholes during the inspection.

Preventative maintenance actions and visual inspections are occurring to minimize pollutant discharges from ancillary service and storage areas (i.e. storm water conveyance systems, driveways, etc.).

**RECORDS REVIEW**
The permittee has current WPDES Permit and Nutrient Management Plan onsite.

The permittee provided complete production site inspection records that are required to be retained.

The permittee provided adequate documentation that the facility has a minimum of 180 days of liquid manure storage capacity.

The permittee provided land application records to demonstrate compliance with nutrient management plan requirements.

The permittee has copies of their emergency response and monitoring, and inspection plans onsite.

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

**SUMMARY**

Permit Violations
No permit violations were observed.

Action Items
No actions items are required.

Items for Next Permit Term
N/A

| | |
|---|---|
| **Photo #:** | 1 |
| **Date/Time of Photo:** | 10:38 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the west side of the freestall barns located on the southwest side of the farm. This photo was taken facing south.


| | |
|---|---|
| **Photo #:** | 2 |
| **Date/Time of Photo:** | 10:40 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the south side of the freestall barns located on the south side of the farm. Minimal tracking of feed/manure outside the freestall barns was observed. This photo was taken facing northeast.

| | |
|---|---|
| **Photo #:** | 3 |
| **Date/Time of Photo:** | 10:41 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the west and south sides of WSF 1 located on the southeast side of the farm. Proper maintenance of vegetation was observed. This photo was taken facing south.


| | |
|---|---|
| **Photo #:** | 4 |
| **Date/Time of Photo:** | 10:41 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the north and east sides of WSF 1 located on the northeast side of the farm. Proper maintenance of vegetation was observed. This photo was taken facing south.

| | |
|---|---|
| **Photo #:** | 5 |
| **Date/Time of Photo:** | 10:42 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the permanent markers located on the east side of WSF 1 located on the northeast side of the farm. The yellow arrow represents the permanent markers. This photo taken facing east.


| | |
|---|---|
| **Photo #:** | 6 |
| **Date/Time of Photo:** | 10:42 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

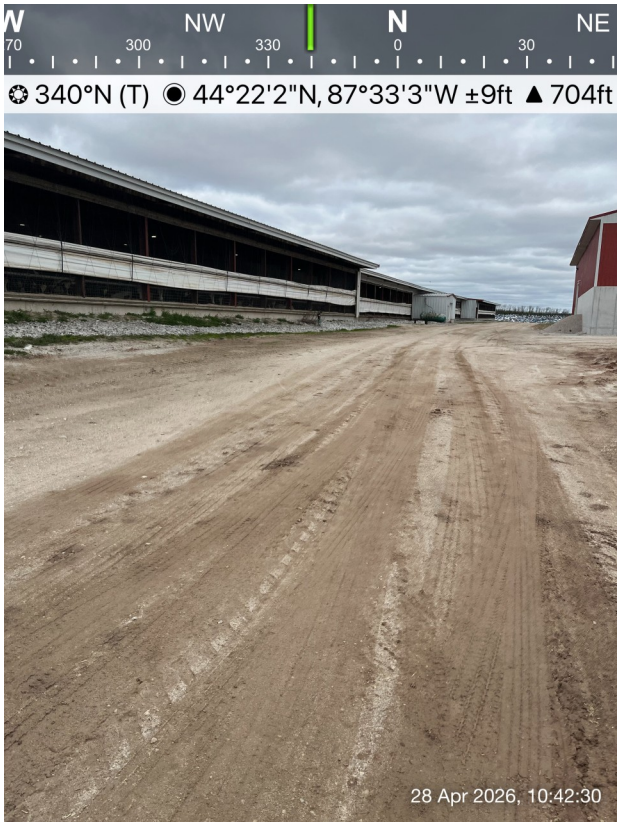
**Photo Description:**

View of the south side of the sand separator building located on the east side of the farm. This photo was taken facing north.

| | |
|---|---|
| **Photo #:** | 7 |
| **Date/Time of Photo:** | 10:42 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the east side of the freestall barns located on the east side of the farm. Minimal bedding leaving freestall barns was observed. This photo was taken facing northwest.




| | |
|---|---|
| **Photo #:** | 8 |
| **Date/Time of Photo:** | 10:47 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of storm water conveyance on the production site located between the feed storage area and the freestall barn on the east side of the farm. The yellow arrow represents the flow path. This photo was taken facing northeast.

| | |
|---|---|
| **Photo #:** | 9 |
| **Date/Time of Photo:** | 10:47 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the southeast side of the steer barn located south of the shop. This photo was taken facing west.


| | |
|---|---|
| **Photo #:** | 10 |
| **Date/Time of Photo:** | 10:48 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the grain bins and feed storage area located on the north side of the farm. This photo was taken facing north.

| | |
|---|---|
| **Photo #:** | 11 |
| **Date/Time of Photo:** | 10:48 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the southwest side of the feed storage area located on the northeast side of the farm. This photo was taken facing east.


| | |
|---|---|
| **Photo #:** | 12 |
| **Date/Time of Photo:** | 10:48 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the feed storage area located on the northeast side of the farm. The yellow arrows represent the flow path to the WSF 2. This photo was taken facing east.

| | |
|---|---|
| **Photo #:** | 13 |
| **Date/Time of Photo:** | 10:50 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the WSF 2 and the solid manure stacking area on the feed storage area located on the northeast side of the farm. The yellow arrow represents the flow path to WSF 2. This photo was taken facing southeast.


| | |
|---|---|
| **Photo #:** | 14 |
| **Date/Time of Photo:** | 10:51 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of permanent markers on the north side of WSF 2. The yellow arrow represents the permanent markers. This photo was taken facing east.

| | |
|---|---|
| **Photo #:** | 15 |
| **Date/Time of Photo:** | 10:51 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the southwest side of the steer barns and feed lot. This photo was taken facing northeast.


| | |
|---|---|
| **Photo #:** | 16 |
| **Date/Time of Photo:** | 10:54 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the east side of the parking area and shop. This photo was taken facing west.

| | |
|---|---|
| **Photo #:** | 17 |
| **Date/Time of Photo:** | 10:54 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the northeast side of the steer barn located south of the shop. This photo was taking facing southwest.


| | |
|---|---|
| **Photo #:** | |
| **Date/Time of Photo:** | 10:00 am April 28, 2026 |
| **Photo By:** | Mueller |
| **Photo Location:** | Production Site |

**Photo Description:**

View of the northeast side of the heifer barn on the east side of the farm. This photo was taken facing southwest.

## CAFO Compliance Report (10/4/2024)

Inspection Date: July 22, 2024

Inspection Type: Permit Reissuance Inspection

Operation Name: Augustian Farms LLC

Operation Address: E4361 County Road G, Kewaunee, WI 54216

On-Site Representative(s): Aaron Augustian, Owner

DNR Staff / Report Writer: James Salscheider, CAFO Compliance and Enforcement Coordinator

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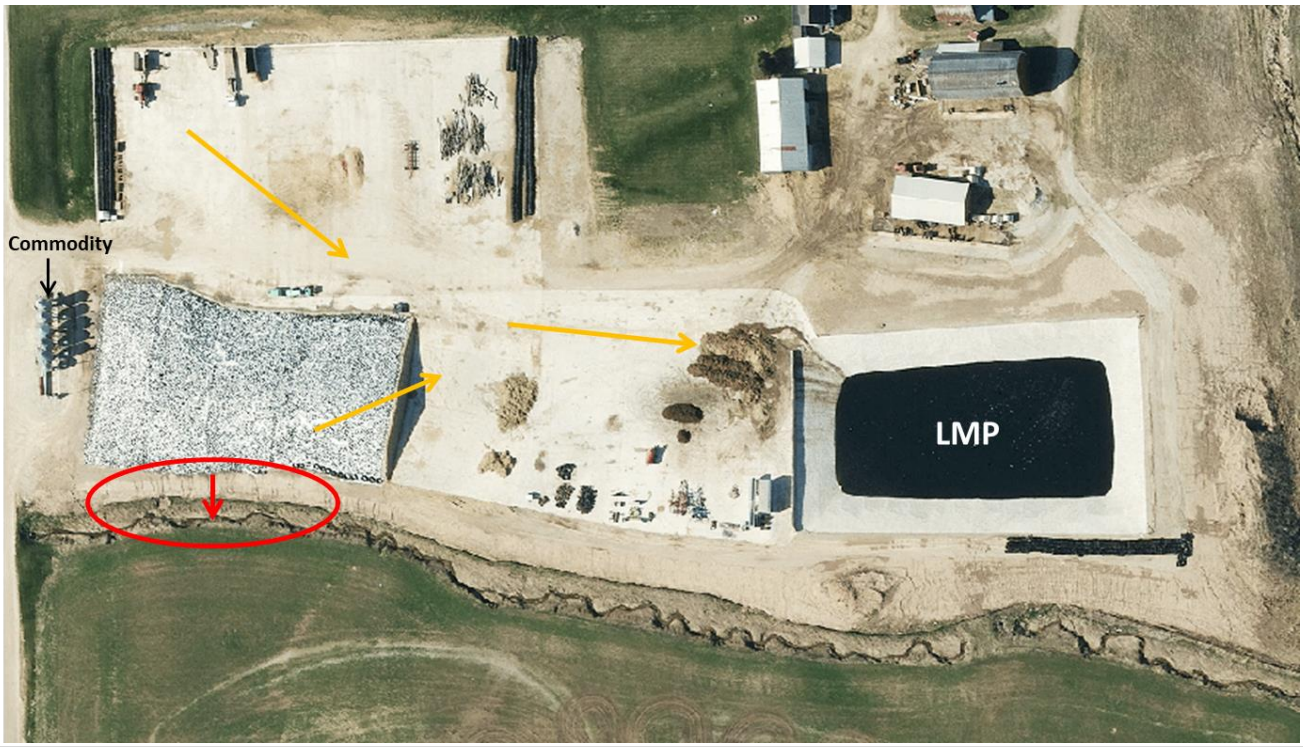
**Summary**

On Monday, July 22, 2024, James Salscheider (Salscheider), CAFO Compliance and Enforcement Coordinator, met with Aaron Augustian (Augustian) to conduct a comprehensive production site inspection at Augustian Farms LLC, an existing large Concentrated Animal Feeding Operation located at E4361 County Road G, Kewaunee, WI 54216. The production site is located at NW ¼ NE ¼ S23 T22N R24E, Township of Carlton, Kewaunee County. The purpose of the inspection is for reissuance of Augustian Farms' WPDES permit, converting Augustian Farms LLC from the general permit to an individual permit. The weather during the inspection was sunny, dry, and approximately 70 °F. The most recent rain event occurred on July 16, 2024, when 0.14" of rain fell in Kewaunee, WI.



**Aerial Map 1.** The aerial map above illustrates the production site at Augustian Farms LLC. The production site consists of two liquid storage facilities, one solid stacking area, a sand separation system, several animal barns, and one feed storage area. The aerial image was obtained from Kewaunee County GIS Website.


**Aerial Map 2.** The aerial map above illustrates surface water in relation to the production site at Augustian Farms LLC. A mapped intermittent stream is located east of the production site, identified as WBIC 5019760. The stream is a tributary to Sandy Bay Creek (WBIC 90400), which is a direct tributary to Lake Michigan. The aerial image was obtained from the DNR Surface Water Data Viewer.




**Aerial Map 3.** The aerial map above illustrates the flow path of runoff from the feed storage area at Augustian Farms. The yellow arrows represent the flow path of process wastewater towards the leachate management pond. The area circled in red identifies the area where leachate left the concrete feed pad. The aerial photo was obtained from the Kewaunee County GIS Website.


**Aerial Map 4.** The aerial map above illustrates the flow path of process wastewater that discharged from a tile outlet to the stormwater drainage ditch that runs through the production site. The red dashed arrows represent the flow path of process wastewater through the drainage ditch and through WBIC 5019760. The dashed blue line represented the flow path of WBIC 5019760 before the confluence with the drainage ditch.

## SITE OBSERVATIONS

Feedlot Runoff

Augustian Farms LLC utilizes two outdoor concrete feedlots that confine beef steers. The feedlots are located on the northeast corner of the production site. A sump is located within the feedlots to collect runoff, which is then manually collected using a PTO-driven VAC tanker. Curbing is present to contain runoff within the concrete lots.


**Photo 1.** One of the outdoor concrete lots that house beef steers on the northwest corner of the production site. This photo was taken facing east.

**Photo 2.** Calf hutches adjacent to one of the outdoor concrete lots that houses beef steer on the northwest corner of the production site. This photo was taken facing northeast.



**Photo 3.** One of the outdoor concrete lots that house beef steers on the northwest corner of the production site.


**Photo 4.** One of the outdoor concrete lots that house beef steers on the northwest corner of the production site. This photo was taken facing west.

**Photo 5.** One of the outdoor concrete lots that house beef steers on the northwest corner of the production site. This photo was taken facing northwest.


Calf Hutch Areas

Augustian Farms LLC does not utilize calf hutches on the production site. Calves are taken off-site to be raised by a custom raising facility.

Waste Storage Facilities

Solid and liquid waste storage facilities are managed to not have current or past indicators of discharges.
Solid and liquid waste storage structures are well-maintained, in good repair, and in compliance with permit requirements.
Liquid waste storage facilities have permanent markers installed.

Augustian Farms LLC utilizes two liquid waste storage facilities to store all manure and process wastewater generated at the production site. WSF 1 is an in-place earthen storage facility located on the south side of the production site and east of the freestall barn. WSF 1 has a capacity of 6,045,373 gallons and was constructed in 2009. Permanent markers and fencing were present at the time of the inspection. Dense vegetation was present on the berm around the storage facility. Salscheider and Augustian discussed treatment options to handle vegetation around the berm, which included herbicide and mowing. There was no sign of erosion or degradation observed during the inspection. The second liquid storage facility used by Augustian Farms is located east of the feed storage area. WSF 2 is a concrete-soil composite waste storage facility that accepts runoff from the feed storage area and solid manure stacking pile. WSF 2 was constructed in 2021 and has a

usable capacity of 4,122,785 gallons. Permanent markers and fencing were present around the storage facility. WSF 2 appeared to be in good condition and no signs of degradation or cracking.

Solid manure generated by Augustian Farms LLC is stacked on pile on the east side of the feed storage area, along the west side of WSF 2. Runoff from the solid manure stacking pile gravity flows directly into WSF 2. A second solid manure storage area is located on the east side of the Large Heifer Barn, located on the west side of the production site. Manure from the barn is scrapped into a 46 ft x 48 ft holding area. Liquid runoff from the holding area is drained through a picket into a concrete manhole pump station, which transfers the liquid waste to the manure transfer system in the freestall barns. Solid manure is then removed from the holding area and transferred to the solid manure stacking pile located on the east side of the feed storage area.

Augustian Farms recently installed a sand separation system that removes sand bedding from the liquid manure generated in the freestall barns. The Stjernholm sand separator is located in the sand separation building. Sand that is removed is conveyed to a stacking location within the building prior. Leachate from the sand stacking piles gravity flows into a collection flume.


**Photo 6.** The detention basin that handles manure scrapped from the Heifer Barn on the west side of the production site. This photo was taken facing northeast.

**Photo 7.** The detention basin that handles manure scrapped from the Heifer Barn on the west side of the production site. This photo was taken facing south.


**Photo 8.** The pump station that captures liquid manure from the detention basin through the picket gate and transfers the waste to the manure transfer system in the freestall barn.

**Photo 9.** WSF 1 at Augustian Farms LLC, located on the south side of the production site. WSF 1 accepts manure and process wastewater from the freestall barns and milking parlor. This photo was taken facing south.



**Photo 10.** WSF 1 at Augustian Farms LLC, located on the south side of the production site. WSF 1 accepts manure and process wastewater from the freestall barns and milking parlor. This photo was taken facing southeast.


**Photo 11.** WSF 1 at Augustian Farms LLC, located on the south side of the production site. WSF 1 accepts manure and process wastewater from the freestall barns and milking parlor. This photo was taken facing southwest.

**Photo 12.** WSF 1 at Augustian Farms LLC, located on the south side of the production site. WSF 1 accepts manure and process wastewater from the freestall barns and milking parlor. This photo was taken facing west.



**Photo 13.** Permanent markers present on the east berm of WSF 1. Salscheider recommended killing off the vegetation so that the markers are more visible.


**Photo 14.** WSF 1 at Augustian Farms LLC, located on the south side of the production site. WSF 1 accepts manure and process wastewater from the freestall barns and milking parlor. This photo was taken facing east.

**Photo 15.** The concrete ramp going into WSF 1 at Augustian Farms LLC.



**Photo 16.** WSF 2 at Augustian Farms LLC located on the northeast portion of the production site. WSF 2 accepts runoff from the feed storage area and manure stacking area. This photo was taken facing southeast.


**Photo 17.** WSF 2 at Augustian Farms LLC located on the northeast portion of the production site. WSF 2 accepts runoff from the feed storage area and manure stacking area. This photo was taken facing west.

**Photo 18.** WSF 2 at Augustian Farms LLC located on the northeast portion of the production site. WSF 2 accepts runoff from the feed storage area and manure stacking area. This photo was taken facing northwest.



**Photo 19.** WSF 2 at Augustian Farms LLC located on the northeast portion of the production site. WSF 2 accepts runoff from the feed storage area and manure stacking area. This photo was taken facing north.


**Photo 20.** WSF 2 at Augustian Farms LLC located on the northeast portion of the production site. WSF 2 accepts runoff from the feed storage area and manure stacking area. This photo was taken facing northeast.

**Photo 21.** Permanent markers present in the north berm along WSF 2.



**Photo 22.** The solid manure stacking pad located on the east side of the feed storage area. This photo was taken facing south.


**Photo 23.** The flow path of runoff from the solid manure stacking area located on the east side of the feed storage area.

**Photo 24.** The flow path of runoff from the solid manure stacking area located on the east side of the feed storage area.



**Photo 25.** The sand separation equipment that removes sand bedding material from liquid manure prior to transferring manure to existing storage.


**Photo 26.** The sand stacking area located in the sand separation building. Leaching from the stacking piles gravity flows to a collection system pictured in the foreground of the photo.

**Photo 27.** The sand stacking area located in the sand separation building. Leaching from the stacking piles gravity flows to a collection system identified by the black arrow.


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

Process wastewater sources (milking center, wash water, etc.) are not managed to not have current or past indicators of discharges.

Wastewater from the milking parlor is designed to be collected and comingled with manure generated in the holding area and freestall barns. During the inspection, Salscheider observed grey water discharging to the drainage ditch that runs through the production site from a tile outlet located near the driveway that leads to the farm office and milking parlor. Significant bacteria growth was observed on the tile outlet and on the vegetation in the drainage ditch. Salscheider noticed an odor consistent with sewage. Augustian stated that the tile line conveys subsurface water collected from a sump pump located outside of the milking. Salscheider and Augustian inspected the sump and observed dark grey water being pumped from the sump. Augustian immediately disconnected the pump from the tile line and turned off the pump.

With the source of discharge discontinued, Salscheider followed the flow path within the drainage ditch to confluence with an intermittent stream, WBIC 5019760, which is a tributary to Sandy Bay Creek, WBIC 90400. Salscheider collected water quality samples from the tile outlet, upstream of the confluence, and downstream of the confluence. Sample results from the tile outlet and downstream of the confluence showed elevated

levels of E. coli, Biological Oxygen Demand, Nitrogen, and Phosphorus compared to the upstream sample, indicating a discharge of pollutants to the stream.

Salscheider inspected WBIC 5019760 at the Highway 42 road crossing, approximately 0.55 miles downstream of confluence with the drainage ditch. Salscheider observed the water within the stream to be clear, with no visual indications of contamination. After inspecting the road crossing, Salscheider returned to the production site to inspect clean up efforts.

While Salscheider was investigating downstream impacts, Augustian began collection efforts using a PTO-driven VAC tanker. Augustian also began investigating the cause of discharge. Augustian stated that the week prior to the inspection, maintenance was conducted near the transfer line that conveys process wastewater from the milking parlor to the manure transfer system in the freestall barn. Augustian also stated that it could be a sump pump in the milking parlor that failed, causing the sump to fill with process wastewater. After investigation, it was determined that the maintenance work that was completed the week prior to the inspection damaged an old transfer line, causing parlor wastewater to discharge to a gravel layer where water is collected by a sump pump outside of the milking parlor. Maintenance actions were taken to repair the transfer line and prevent parlor wastewater from continuing to discharge.


**Photo 28.** Contaminated water being pumped from a sump located adjacent to the milking parlor. The water was dark grey, opaque, and had an odor consistent with sewage.

**Photo 29.** The sump located adjacent to the milking parlor. The sump collects clean water from a gravel layer and pumps the water to a tile line located west of the milking parlor.


**Photo 30.** The outlet that discharges water from a tile line located west of the milking parlor. The outlet discharges water collected by the sump pictured in Photo 29. Bacteria was observed within and adjacent to the tile outlet.

**Photo 31.** The location where the outlet pictured in Photo 30 discharged process wastewater to the drainage ditch that flows through the production site at Augustian Farms.



**Photo 32.** Water within the drainage ditch that flows west to east through the production site at Augustian Farms. The water was cloudy.

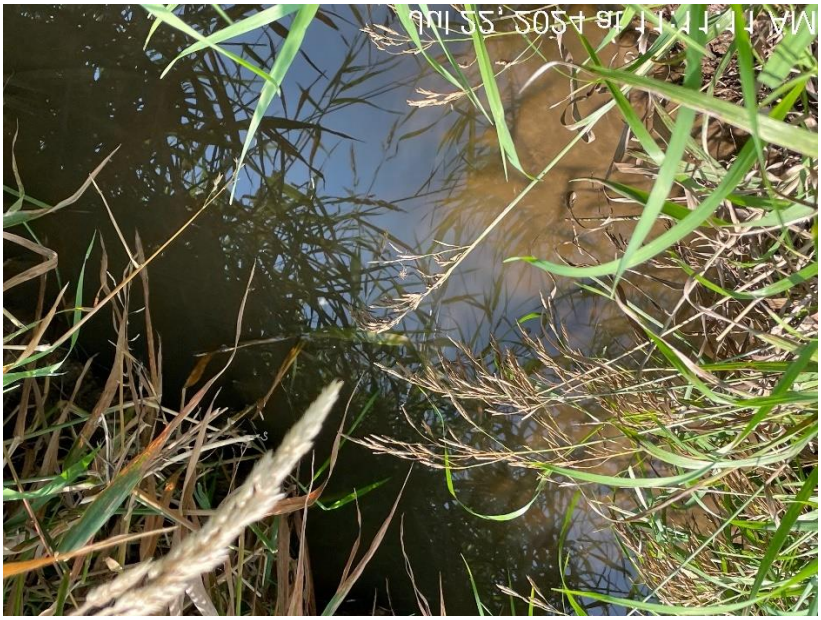


**Photo 33.** Water within the drainage ditch that flows west to east through the production site at Augustian Farms. The water was cloudy.

**Photo 34.** Water within WBIC 5019760, downstream of the confluence with the drainage ditch. The water was cloudy and had a slight odor.



**Photo 35.** Water within WBIC 5019760, downstream at the Highway 42 road crossing. The water was clear with no visual indications of contamination.


**Photo 36.** Water within WBIC 5019760, downstream at the Highway 42 road crossing. The water was clear with no visual indications of contamination.

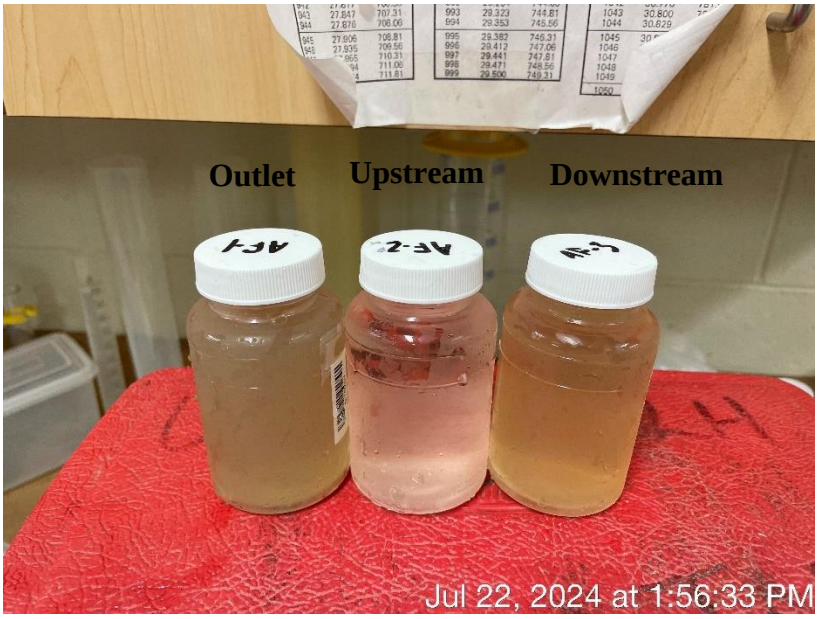
**Photo 37.** The location where sample AF-1 was collected, from the tile outlet that discharged process wastewater to the drainage ditch.



**Photo 38.** The location where sample AF-2 was collected, from WBIC 5019760 upstream of the confluence with the drainage ditch.


**Photo 39.** The location where sample AF-2 was collected, from WBIC 5019760 downstream of the confluence with the drainage ditch.

**Photo 40.** The samples that were collected during the site inspection at Augustian Farms LLC.




Feed Storage Area Runoff

Feed storage areas and associated process wastewater (leachate, runoff) are managed to not have current or past indicators of discharges.

Feed storage areas and runoff control systems are well-maintained, in good repair and in compliance with permit requirements.

Augustian Farms LLC utilizes one feed storage area located on the north side of the production site. The feed pad is 193,184 $ft^2$ in size and stores corn silage and haylage on piles covered in plastic. The feed pad is a concrete-soil composite liner and was expanded in 2021. An 8-inch tall containment curb is present on the north side of the feed pad. An apron is present around that west and south side of the feed pad that is raised 1-foot over 20 feet to prevent leachate and runoff from leaving the feed pad. Runoff from the feed pad flows west-to-east where it gravity flows into WSF 2, where the process wastewater is stored until it can be land applied. Salscheider observed staining on the gravel driveway on the south side of the feed pad, evidence that leachate and process wastewater was leaving the south end of the feed pad. There was no evidence observed to suggest that the runoff was discharging to waters of the state. Salscheider discussed possible solutions with Augustian to prevent discharges of process wastewater from the feed storage area, which included building up the southern edge of the feed storage area or keeping feed off the apron to allow process wastewater to be contained on the concrete feed pad.

Augustian Farms used a second feed storage area for haylage in the past, located on the west side of the production site. There were no runoff controls in-place for the feed storage area. Augustian Farms have since stopped using that feed storage area and now use the area for equipment parking.


**Photo 41.** The feed storage area at Augustian Farms LLC, located on the north side of the production site. This photo was taken facing east.

**Photo 42.** The northwest corner of the feed storage area. Curbing is present around the west and north sides of the feed storage area. This photo was taken facing north.


**Photo 43.** The north side of the feed storage area. Curbing is present around the west and north sides of the feed storage area. This photo was taken facing east.

**Photo 44.** Temporary storage of haylage in a silage bag located off the northeast corner of the feed storage area. This photo was taken facing north.



**Photo 45.** The feed storage area at Augustian Farms LLC, located on the north side of the production site. The orange arrow represents the flow path on the feed pad. This photo was taken facing west.


**Photo 46.** The feed storage area at Augustian Farms LLC, located on the north side of the production site. The orange arrow represents the flow path on the feed pad. This photo was taken facing west.

**Photo 47.** The south side of the feed storage area at Augustian Farms LLC, located on the north side of the production site. This photo was taken facing west.



**Photo 48.** The south side of the feed storage area, where process wastewater had left the concrete feed pad. This photo was taken facing west.


**Photo 49.** The south side of the feed storage area, where process wastewater had left the concrete feed pad. This photo was taken facing west.

**Photo 50.** Staining in the gravel along the south side of the feed pad, indicating that leachate and process wastewater had left the concrete apron and flows through the adjacent driveway.


Animal Mortality Disposal

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

Augustian Farms LLC utilizes Sandy Bay Mink Ranch for all animal mortalities.

Ancillary Service Areas

Preventative maintenance actions and visual inspections are occurring to minimize pollutant discharges from ancillary service and storage areas (i.e. storm water conveyance systems, driveways, etc.).

Except for the tile outlet that was discharging process wastewater from the milking parlor, all other stormwater conveyance systems appeared to be maintained and operated to prevent discharges of process wastewater to waters of the state. All surface inlets appeared to be maintained. There were no indications of discharges from the stormwater conveyance system to waters of the state.


**Photo 51.** The feed lane outside of the heifer barn on the west side of the production site. No spilled or blown feed was observed during the inspection in this location.

**Photo 52.** A tile inlet located near the northeast corner of the heifer barn.



**Photo 53.** Outside of the heifer barn on the west side of the production site. Minimal manure tracking was observed in this location.


**Photo 54.** A grassed waterway that conveys stormwater to the drainage ditch that flows through the production site. This photo was taken on the west side of the production site facing east.

**Photo 55.** The west feed storage area, which has since been abandoned and turned into equipment parking.



**Photo 56.** Fuel storage located near the machine shed on the northwest corner of the production site.


**Photo 57.** Straw bedding storage located near the steer barns on the northeast corner of the production site. A significant amount of spilled bedding material was observed.

**Photo 58.** The drainage ditch that conveys stormwater through the production site. The blue arrow represents the flow path. This photo was taken facing west.



**Photo 59.** The driveways adjacent to the large freestall barn. Minimal manure tracking was observed on the north side of the freestall barn.


**Photo 60.** A surface inlet located south of the farm office and milking parlor. Vegetation was present around the inlet.

**Photo 61.** Small animal holding areas on the south side of the freestall barn. Some leaching of process wastewater was observed.



**Photo 62.** The driveways adjacent to the large freestall barn. Minimal manure tracking was observed on the south side of the freestall barn.

**RECORDS REVIEW**

The permittee has current WPDES Permit and Nutrient Management Plan onsite.
The permittee provided complete production site inspection records that are required to be retained.
The permittee provided adequate documentation that the facility has a minimum of 180 days of liquid manure storage capacity.
The permittee provided land application records to demonstrate compliance with nutrient management plan requirements.
The permittee has copies of their emergency response and monitoring and inspection plans onsite.
The permittee is up to date on required reporting and actions as specified in the Schedules section of permit.

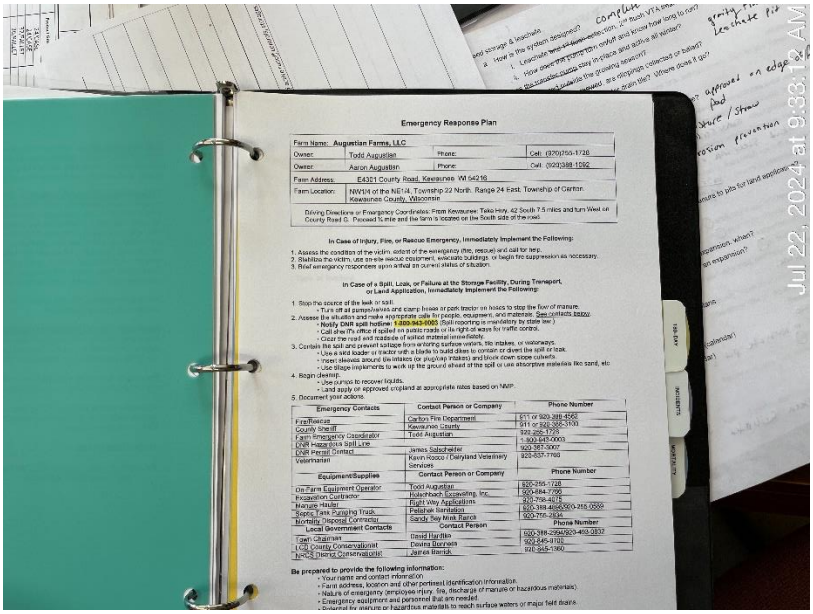



**Photo 63.** The emergency response plan for Augustian Farms LLC, which was present during the inspection.

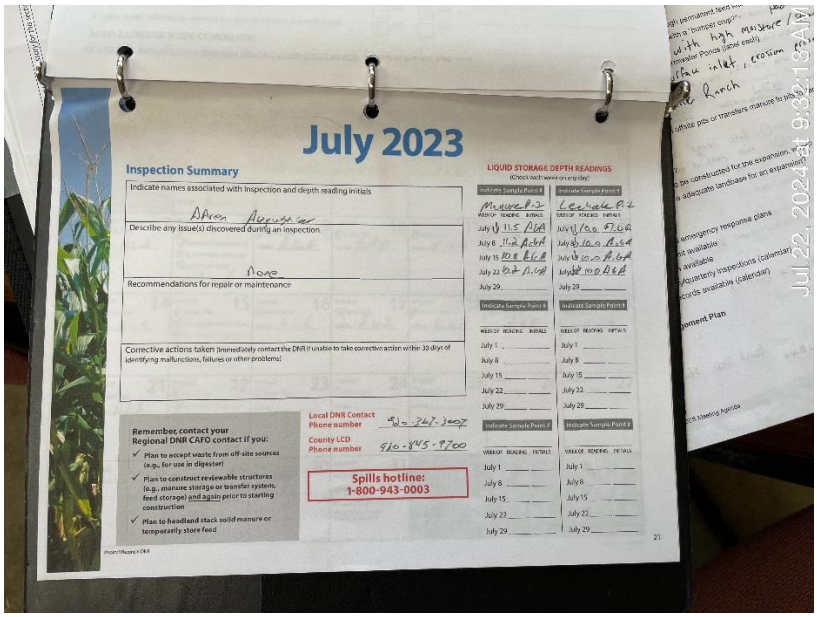



**Photo 64.** The CAFO Calendar which Augustian Farms utilizes to track the Monitoring and Inspection requirements.

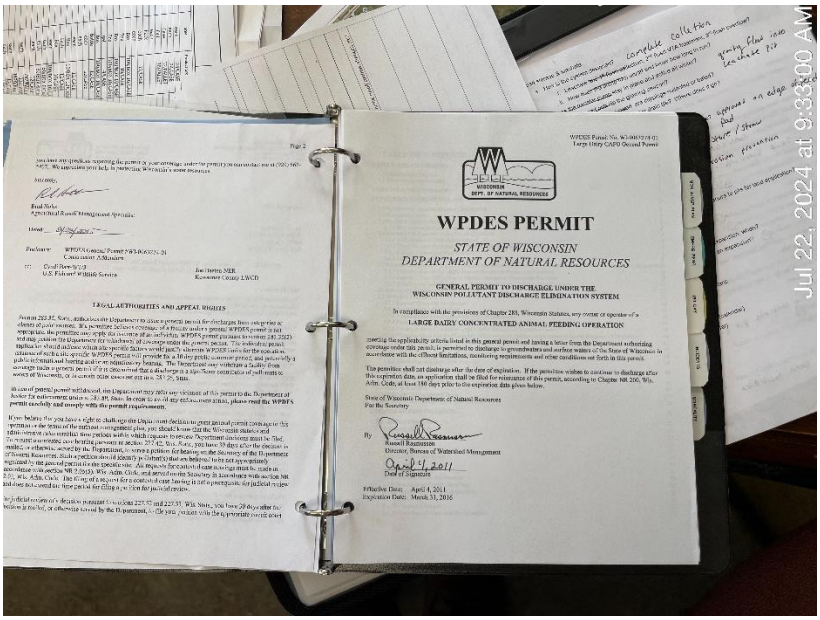
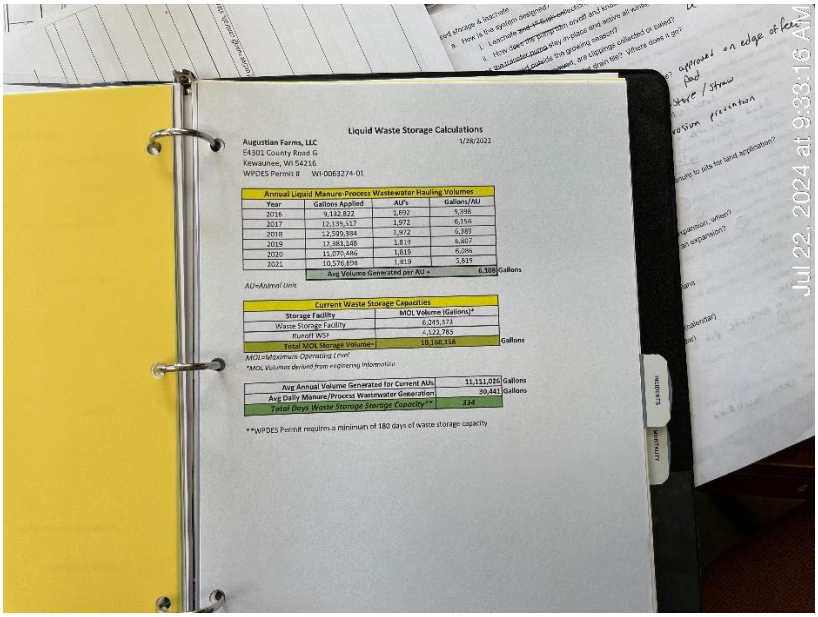



**Photo 65.** The WPDES Permit for Augustian Farms LLC, which was readily available during the inspection.

**Photo 66.** The days of storage calculations for Augustian Farms LLC.



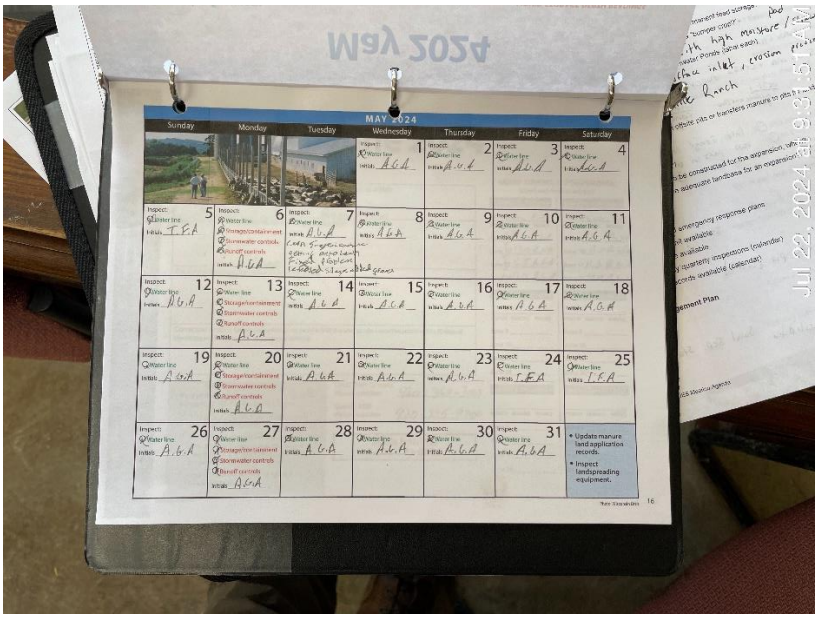




**Photo 67.** The CAFO Calendar which Augustian Farms utilizes to track the Monitoring and Inspection requirements.

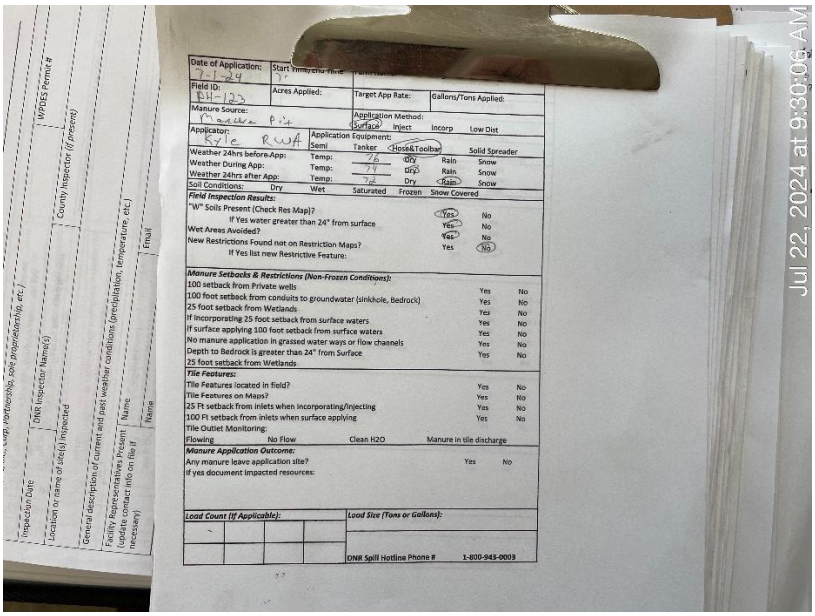



**Photo 68.** Manure hauling log records kept by Augustian Farms LLC.

**SUMMARY**

Substantial Compliance

The permittee is currently not in substantial compliance with the permit.

Areas of Concern

- Excessive straw bedding material present on the ground around the straw storage shed
- Process wastewater discharging from the transfer line near the milking parlor
- Runoff from the feed storage area leaving the feed pad on the south side of the storage area

Permit Violations

**Permit Section 3.1 Production Area Discharge Limitations -** In accordance with s. NR 243.13, the permittee may not discharge manure or process wastewater pollutants to navigable waters from the production area.

- During the inspection, the Department observed process wastewater from the milking parlor discharging to navigable waters

Action Items

- Better housekeeping of bedding material in ancillary service areas need to be done to prevent unpermitted discharges from ancillary service areas.
- Better management of the feed storage area to prevent process wastewater and leachate from leaving the concrete feed pad.

Items for Next Permit Term

N/A

Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive, PO Box 7996
Madison, WI 53707-7996
(800)442-4618 - Fax (608)224-6213
http://www.slh.wisc.edu

# Laboratory Report

Environmental Health Division

**WSLH Sample: 746757001**

Report To:
REBECCA FAHNEY
WISCONSIN DNR

Invoice To:
REBECCA FAHNEY
WISCONSIN DNR

Customer ID: WW019

Field #: AF-1
Project No:
Collection End: 7/22/2024 10:56:00 AM
Collection Start:
Collected By: JAMES SALSCHEIDER
Date Received: 7/23/2024
Date Reported: 8/7/2024
Sample Reason:

ID#: NA
Sample Location: OUTLET
Sample Description: SURFACE WATER GRAB
Sample Type: SU-SURFACE WATER
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County: 31

## Sample Comments

Analyzed past the 8 hours holding time: Method SM9223BMPN analyzed on 07/23/24 0937

## Inorganic Chemistry

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|
| Prep Date: 07/24/24 09:01 | Analysis Date: 07/29/24 09:31 | Prep Method: | | | |
| 5 Day BOD, Total | SM5210B | 254 | mg/L | 2.00 | 2.00 |
| Prep Date: 07/30/24 10:04 | Analysis Date: 08/01/24 09:01 | Prep Method: | | | |
| Total Kjeldahl Nitrogen | EPA 351.2 | 26.7 | mg/L | 1.30 | 4.35 |
| Prep Date: 07/31/24 14:34 | Analysis Date: 08/01/24 09:11 | Prep Method: | | | |
| Phosphorus | EPA 365.1 | 19.7 | mg/L | 0.180 | 0.600 |

## Microbiology

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|
| Prep Date: 07/23/24 09:37 | Analysis Date: 07/24/24 13:23 | Prep Method: | | | |
| E. Coli | SM9223BMPN | 369000 | MPN/100 mL | | 10000 |

Wisconsin State Laboratory of Hygiene
UNIVERSITY OF WISCONSIN–MADISON

Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive, PO Box 7996
Madison, WI 53707-7996
(800)442-4618 - Fax (608)224-6213
http://www.slh.wisc.edu

# Laboratory Report

Environmental Health Division

**WSLH Sample: 746757001**

## Microbiology

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|

## Inorganic Chemistry, Dissolved

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|
| Prep Date: 07/29/24 11:57 | Analysis Date: 08/01/24 10:52 | Prep Method: | | | |
| Nitrate + Nitrite (as N) | EPA 353.2 | ND | mg/L | 0.0320 | 0.105 |
| Prep Date: 07/29/24 11:57 | Analysis Date: 08/01/24 11:24 | Prep Method: | | | |
| Ammonia | EPA 350.1 | 12.7 | mg/L | 0.240 | 0.780 |

Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive, PO Box 7996
Madison, WI 53707-7996
(800)442-4618 - Fax (608)224-6213
http://www.slh.wisc.edu

# Laboratory Report

Environmental Health Division

**WSLH Sample: 746757001**

WDNR LAB ID:113133790 NELAP LAB ID:2091 EPA LAB ID:WI00007, WI00008 WI DATCP ID:105-415

**List of Abbreviations:**
LOD = Level of detection
LOQ = Level of quantification (for PFAS the LOQ = MRL)
ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

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Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.
Results relate only to the items tested.

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

## Responsible Party

Inorganic Chemistry: Graham Anderson, Supervisor 608-224-6281
Metals: Graham Anderson, Supervisor 608-224-6281
Organics: Erin Mani, Supervisor 608-224-6269
Environmental Toxicology: Dawn Perkins, Supervisor 608-224-6230
Water Microbiology: Martin Collins, Supervisor 608-224-6239
Radiochemistry: Jesse Wouters, Supervisor 608-224-6227

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# Laboratory Report

Environmental Health Division

**WSLH Sample: 746757002**

Report To:
REBECCA FAHNEY
WISCONSIN DNR

Invoice To:
REBECCA FAHNEY
WISCONSIN DNR

Customer ID: WW019

Field #: AF-2
Project No:
Collection End: 7/22/2024 12:01:00 PM
Collection Start:
Collected By: JAMES SALSCHEIDER
Date Received: 7/23/2024
Date Reported: 8/7/2024
Sample Reason:

ID#: NA
Sample Location: UPSTREAM
Sample Description: SURFACE WATER GRAB
Sample Type: SU-SURFACE WATER
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County: 31

## Sample Comments

Analyzed past the 8 hours holding time: Method SM9223BMPN analyzed on 07/23/24 0937

## Inorganic Chemistry

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|
| Prep Date: 07/25/24 14:26 | Analysis Date: 07/26/24 09:12 | Prep Method: | | | |
| Phosphorus | EPA 365.1 | 0.181 | mg/L | 0.00900 | 0.0300 |
| Prep Date: 07/24/24 09:01 | Analysis Date: 07/29/24 09:31 | Prep Method: | | | |
| 5 Day BOD, Total | SM5210B | 2.48 | mg/L | 2.00 | 2.00 |
| Prep Date: 07/30/24 10:04 | Analysis Date: 08/01/24 09:35 | Prep Method: | | | |
| Total Kjeldahl Nitrogen | EPA 351.2 | 1.69 | mg/L | 0.260 | 0.870 |

## Microbiology

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|
| Prep Date: 07/23/24 09:37 | Analysis Date: 07/24/24 13:23 | Prep Method: | | | |
| E. Coli | SM9223BMPN | 2560 | MPN/100 mL | | 100 |

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# Laboratory Report

Environmental Health Division

**WSLH Sample: 746757002**

## Microbiology

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|

## Inorganic Chemistry, Dissolved

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|
| Prep Date: 07/29/24 11:57 | Analysis Date: 08/01/24 12:12 | Prep Method: | | | |
| Ammonia | EPA 350.1 | 0.0949 | mg/L | 0.0120 | 0.0390 |
| Prep Date: 07/29/24 11:57 | Analysis Date: 08/01/24 12:34 | Prep Method: | | | |
| Nitrate + Nitrite (as N) | EPA 353.2 | 19.0 | mg/L | 0.0960 | 0.315 |

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# Laboratory Report

Environmental Health Division

**WSLH Sample: 746757002**

WDNR LAB ID:113133790 NELAP LAB ID:2091 EPA LAB ID:WI00007, WI00008 WI DATCP ID:105-415

**List of Abbreviations:**
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if LOD=LOQ, Limits were not statistically derived

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Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.
Results relate only to the items tested.

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

## Responsible Party

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Metals: Graham Anderson, Supervisor 608-224-6281
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Environmental Toxicology: Dawn Perkins, Supervisor 608-224-6230
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# Laboratory Report

Environmental Health Division

**WSLH Sample: 746757003**

Report To:
REBECCA FAHNEY
WISCONSIN DNR

Invoice To:
REBECCA FAHNEY
WISCONSIN DNR

Customer ID: WW019

Field #: AF-3
Project No:
Collection End: 7/22/2024 12:08:00 PM
Collection Start:
Collected By: JAMES SALSCHEIDER
Date Received: 7/23/2024
Date Reported: 8/7/2024
Sample Reason:

ID#: NA
Sample Location: DOWNSTREAM
Sample Description: SURFACE WATER GRAB
Sample Type: SU-SURFACE WATER
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County: 31

## Sample Comments

Analyzed past the 8 hours holding time: Method SM9223BMPN analyzed on 07/23/24 0937

## Inorganic Chemistry

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|
| Prep Date: 07/24/24 09:01 | Analysis Date: 07/29/24 09:31 | Prep Method: | | | |
| Comments: Only 1 dilution met DO depletion criteria. | | | | | |
| 5 Day BOD, Total | SM5210B | 55.1 | mg/L | 2.00 | 2.00 |
| Prep Date: 07/30/24 10:04 | Analysis Date: 08/01/24 09:03 | Prep Method: | | | |
| Total Kjeldahl Nitrogen | EPA 351.2 | 11.0 | mg/L | 0.780 | 2.61 |
| Prep Date: 07/31/24 14:34 | Analysis Date: 08/01/24 09:16 | Prep Method: | | | |
| Phosphorus | EPA 365.1 | 5.00 | mg/L | 0.0450 | 0.150 |

## Inorganic Chemistry, Dissolved

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|

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# Laboratory Report

Environmental Health Division

**WSLH Sample: 746757003**

## Inorganic Chemistry, Dissolved

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|
| Prep Date: 07/29/24 11:57 | Analysis Date: 08/01/24 10:56 | Prep Method: | | | |
| Nitrate + Nitrite (as N) | EPA 353.2 | 2.34 | mg/L | 0.0320 | 0.105 |
| Prep Date: 07/29/24 11:57 | Analysis Date: 08/01/24 11:26 | Prep Method: | | | |
| Ammonia | EPA 350.1 | 4.19 | mg/L | 0.0600 | 0.195 |

## Microbiology

| Analyte | Analysis Method | Result | Units | LOD | LOQ |
|---|---|---|---|---|---|
| Prep Date: 07/23/24 09:37 | Analysis Date: 07/24/24 13:23 | Prep Method: | | | |
| E. Coli | SM9223BMPN | 860000 | MPN/100 mL | | 10000 |

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# Laboratory Report

Environmental Health Division

**WSLH Sample: 746757003**

WDNR LAB ID:113133790 NELAP LAB ID:2091 EPA LAB ID:WI00007, WI00008 WI DATCP ID:105-415

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**State of Wisconsin**
**DEPARTMENT OF NATURAL RESOURCES**
**2984 Shawano Ave.**
**Green Bay, WI 54313**

**Tony Evers, Governor**

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WISCONSIN
DEPT. OF NATURAL RESOURCES

October 23, 2024

Aaron Augustian
Augustian Farms LLC
E4361 County Road G
Kewaunee, WI 54216

WPDES Permit No. WI-0067441-01-0
Kewaunee County

Subject: Conditional Approval of Augustian Farms LLC Nutrient Management Plan, WPDES Permit No.0067441-01-0

Dear Mr. Augustian:

The Wisconsin Department of Natural Resources (department) has completed their review of Augustian Farm's 2025-2029 Nutrient Management Plan (NMP) and is providing conditional approval hat 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 Augustian Farms 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. Specifically, some fields in Augustian Farm's NMP may have:

- Soils that may have bedrock or groundwater within 24 inches of the ground's surface,
- Multiple setback areas due to streams, conduits to streams, grassed waterways, wetlands or wells, and
- Evidence of possible soil erosion/flow channels. Note: road ditches or other man-made channels may be considered flow channels or conduits to navigable water and may be subject to a SWQMA and setback.

Reviewing the NMP and checking fields for these features and soil conditions prior to manure applications will help Augustian Farms maintain compliance with their WPDES permit and Ch. NR 243 requirements.

## FINDINGS OF FACT

The department confirms that:

1. A current dairy herd size of 1,817 animal units (1,150 milking and dry, 110 heifers, 80 steers, and 30 calves). Currently there are no planned expansions during the next permit term.
2. Manure and process wastewater generation and spreading records indicate your herd will annually generate approximately 15,565,725 gallons and 1,050 tons of manure and process wastewater in the first year of the permit term.
3. On October 15, 2024, the department completed the days of storage review and determined Augustian Farms LLC has 10,053,220 gallons of storage (total MOL), or 236 days.
4. The use of application restriction options 1, 2, and 5 within surface water quality management areas.
5. The use of phosphorus delivery method P Index.

6. That Augustian Farms LLC currently has 2,224.3 acres (315.5 owned and 1,908.8 controlled through contracts, rental agreements or leases, or under manure agreements), of which 2,186.5 are spreadable acres.
7. That some fields included in the NMP are directly adjacent to or have high potential to deliver nutrients and sediment to the East Twin River (listed 303(d) impaired water by 'total phosphorus').
8. That no fields are directly adjacent to or have high potential to deliver nutrients and sediment to outstanding/exceptional waters.
9. That 56 fields are tiled:

| | | | |
|---|---|---|---|
| - BE3 | - DP-2 | - JS8 | - Snickers |
| - BP-1 | - DS3 | - K1 | - TA3 |
| - CW-1 | - DS4 | - K2 | - Tad-H1 |
| - CW-2 | - GM-1 | - K3 | - Tad-H2 |
| - CW-3 | - GM-2 | - PH1-3 | - Tad-H3 |
| - CW-5 | - H-5 | - RI-1 | - Tad-H4 |
| - CW-6 | - H123 | - RP-1 | - Tad-H5 |
| - CW-7 | - JK1-3 | - RW1 | - Tad-H6 |
| - CW-9 | - JK4 | - RW2 | - Tad-H7 |
| - DH-1 | - JL1 | - S1-2 | - Tad-H8 |
| - DH-2 | - JS1-3 | - SA1 | - Tad-H9 |
| - DH-3 | - JS4b | - SA2 | - Tad-H10 |
| - DH-4 | - JS5 | - SA3 | - WR-1 |
| - DP-1 | - JS6-7 | - SM2 | - WR-1A |

10. 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 the ground's surface) at the time of application; required setbacks associated with wells, navigable waters, conduits to navigable waters, grassed waterways, wetlands, possible soil erosion/flow channels.
11. 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 2025-2029 Augustian Farms LLC NMP 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 SnapPlus, evaluated for their nutrient needs, and approved by the department.

2. 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 s. NR 243.14(5)(b)2., Wis. Adm. Code.

3. 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.

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

First-Year Available N = $NH_4$-N + [0.25 x (Total N – $NH_4$-N)]

5. Augustian Farms LLC shall record daily manure applications by using form 'Augustian Farms LLC Daily Log Form'. This form shall be retained at the farm and provided to the department upon request.

6. Augustian Farms LLC shall annually submit a spreading report that summarizes the land application activities listed under s. NR 243.19(3)(c)5., Wis. Adm. Code by using form DNR Annual Spreading Report (CNM1).

7. The following fields are currently approved to receive industrial, municipal, or septage waste:
- JS1-3, JS5, JS6-7, and JS-8: Packerland Whey Products Inc field JS-1 (DNR# 93131)
- JK4: NLC Energy Denmark LLC field KB35-3 (DNR# 79598)

   Prior to manure applications on these fields, Augustian Farms 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, Augustian Farms LLC shall contact each entity listed above to obtain spreading records from the previous year and properly track any applications in the farm's NMP. Please Note: Augustian Farms LLC is responsible for obtaining nutrient content values for all other wastes spread on any field in their NMP.

WINTER SPREADING

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

9. The following fields are approved for winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:
- DS4*
- FI-1
- H123*
- H-4*
- H-5*
- JL1
- JS1-3*
- JS4B*
- JS5*
- JS6-7*
- JS8*
- RP-1*
- S1-2*

   * Fields must be checked for depth to groundwater prior to application. If the soils are frozen, fields cannot be used for winter or emergency applications.

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 s. 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. The following sites are approved for non-winter and winter headland stacking in February and March with manure >32% solids:
- DP1 (#1)
- DP2 (#1, #2, and #3)
- FI-1 (#1, #2 and #3)
- JL1 (#1)
- TA3 (#1)

SILURIAN BEDROCK PERFORMANCE STANDARDS

14. Manure generated by Augustian Farms LLC that is mechanically applied to the following approved fields meet planning requirements under s. NR243.143 / s. NR151.075, Silurian Bedrock Performance standards. The following fields are required to meet all requirements under s. NR243.143 / s. NR151.075, Silurian Bedrock Performance standards immediately following this approval:
    - Derrig

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 50 checklists.

This conditional approval does not limit the department's regulatory authority to require NMP revisions (based upon new information) 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.

This approval by the Department of Natural Resources, Watershed Management Program does not relieve you of your obligations to meet all other applicable federal, state or local permits, zoning and regulatory requirements.

If you have any questions regarding this approval, please contact me at 920-366-2072 or Joseph.Baeten@Wisconsin.gov.

Sincerely,

Joe Baeten
Northeast Watershed Management Team Supervisor
Wisconsin Department of Natural Resources

Electronic Copy: Brittiny Mueller, James Salscheider, Chris Clayton, Aaron O'Rourke, Falon French, Tabby Davis – WDNR
Davina Bonness – Kewaunee County LCD
Kevin Beckard – AgSource
File

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

**Tony Evers, Governor**
---
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WISCONSIN DEPT. OF NATURAL RESOURCES

October 15, 2024

FILE REF: R-2024-0240
WPDES Permit #: WI-0063274

Aaron Augustian
Augustian Farms LLC
E4361 County Road G
Kewaunee, WI 54216

Subject: Days of Storage Review for Augustian Farms LLC T22N, R24E, Section 23 in Carlton Township, Kewaunee County – NO ADDITIONAL ACTION REQUIRED

Dear Aaron Augustian:

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 Doug Gatrell P.E., GHD Services Inc. on September 27, 2024, on behalf of Augustian Farms 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 Augustian Farms LLC has 236 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 1,817. 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 from the heifer barn stacking pad, and the feed storage area, up to the 25-year, 24-hour storm, is collected in permanent waste storage.

| 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 | 7,189,835 | 354,492 | 241,766 | 5,918 | 660,649 | 5,927,010 |
| #2 | 5,171,698 | 0 | 150,420 | 514,420 | 380,648 | 4,126,210 |
| | | | | | Total MOL Vol: | 10,053,220 |
| | | | | | Days of Storage: | **236** |

| Total Annual Liquid Waste Volume (NRCS Table Values) | |
|---|---|
| Liquids Collected/Stored | Annual Gallons |
| Manure, Bedding, and Parlor Wastewater | 9,617,750 |
| Feed Storage Leachate | 134,640 |
| Feed Storage Runoff Collected | 3,913,183 |
| Net Precipitation on Storage Surface(s) | 1,855,133 |
| Stacking Pad Runoff Collected | 45,019 |
| **TOTAL:** | **15,565,725** |

Should you have any questions, please contact Tabby Davis, 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 Davis
CAFO Review Engineer
Watershed Management Program

Email:
Aaron Augustian; Augustian Farms LLC
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Davina Bonness; Kewaunee County LCD
(920) 845-9743; bonness.davina@kewauneeco.org

Douglas M Gatrell; GHD Services Inc.
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(608) 228-9184; brittiny.mueller@wisconsin.gov

Aaron O'Rourke; DNR, Eau Claire
(715) 839-3775; aaron.orourke@wisconsin.gov

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

Tabatha A Davis; DNR-Central Office
(608) 712-2324; tabatha.davis@wisconsin.gov

Augustian Farms, LLC Sample Point Map