

# Permit Fact Sheet

## General Information

Permit Number:	WI-0063932-03-0
Permittee Name:	Tag Lane Dairy Farm
Address:	N8812 River Valley Rd
City/State/Zip:	Ixonia WI 53036
Discharge Location:	W801 Gopher Hill Road, Ixonia WI, 53036; Jefferson County WI, Town of Ixonia, SW ¼ of SW ¼ Sec. 11 T8N R16N
Receiving Water:	Unnamed tributaries within the Ashippun River-Rock River Watershed, and ground waters of the state.
Discharge Type:	Existing

Animal Units					
Animal Type	Current AU		Proposed AU (Note: If all zeroes, expansions are not expected during permit term)		
	Mixed	Individual	Mixed	Individual	Date of Proposed Expansion
Dairy Calves (under 400 lbs.)	78	0	0	0	
Milking and Dry Cows	2660	2717	0	0	
Heifers (400 lbs. to 800 lbs.)	270	450	0	0	
Heifers (800 lbs. to 1200 lbs.)	121	110	0	0	
Total	3129	2717	0	0	

## Facility Description

**Tag Lane Dairy Farm** is an existing Concentrated Animal Feeding Operation (CAFO). **Tag Lane Dairy Farm** is owned and operated by **the Griswold Family**. The farm currently has **3,129** animal units. **1,900 milking & dry cows, 560 heifers, and 390 calves**. **Tag Lane Dairy Farm** has a total of **3,080.3** acres available for land application of manure and process wastewater. Of this acreage, **308.4** acres are owned, and **2,813** acres are rented or controlled through manure agreements. **Tag Lane Dairy Farm** has no planned expansion during the proposed permit term. Approximately **27,305,640 gallons** of manure and process wastewater and **1,900 tons** of solid manure in the first year of the permit term. The farm has a proposed **243 days** of liquid manure storage and at least 59 days of solid manure storage.

One facility is currently covered under **Tag Lane Dairy Farm** WPDES Permit. The main dairy site is located at W801 Gopher Hill Road and is composed of 3 dairy freestall barns, milking parlor, calf barn, heifer barn, 1 outdoor calf hutch area with runoff collection, feed storage area, 3 waste storage facilities and a sand separation facility.

**Tag Lane Dairy Farm** has submitted an application for reissuance of their Wisconsin Pollutant Discharge Elimination System (WPDES) permit. The application is complete, and the facility has been determined to be in substantial compliance. This will be the second permit reissuance for this facility. **Tag Lane Dairy Farm** has an approved Nutrient Management Plan (NMP) that is written according to WPDES permit and Chapter NR 243 Wis. Adm. Code requirements. **Tag Lane Dairy Farm** was also found to have at least 180 days of liquid manure storage.

## Substantial Compliance Determination

**Enforcement During Last Permit: Enforcement During Last Permit: The farm had no enforcement actions taken during the last permit term. The facility has completed all previously required actions as part of the permitting and / or enforcement process.**

**After a desk top review of all compliance schedule items and permit application materials, and a site visit on October 11, 2022, this facility has been found to be in substantial compliance with their current permit.**

Compliance determination entered by **Eric Struck, permit drafter on February 23, 2024.**

Sample Point Designation For Animal Waste	
Sample Point Number	Sample Point Location, WasteType/sample Contents and Treatment Description (as applicable)
001	WSF 1 Solid: Sample point 001 is for solid waste removed from storage facility 1 (WSF 1) located at the Main Dairy. WSF 1 is a concrete lined storage located in the center of the production area, south of the large freestall barn, east of the sand separation building. The facility has a capacity of 228,322 gallons, measuring 120' x 83' x 10' and was constructed in 1997 and relined in 2008. This storage accepts manure and process wastewater from the southern freestall barns, lot scraping, sand separation building, and feed storage area. WSF 1 was last evaluated in 2017 and met permit requirements.
003	WSF 2 Stage 1: Sample point 003 is for liquid waste storage facility 2 (WSF 2) located at the Main Dairy. WSF 2 is a concrete storage located north of the freestall barns. The facility has a capacity of 8.54 million gallons and was constructed in 2008 with plan approval. This storage accepts manure and process wastewater from the sand separation facility and parlor. WSF 2 acts as a first stage for the further settling of solids, a balance between WSF 2 and WSF 3 is needed to ensure proper operation of the flush flume. Painted markers were located along the ramp in the southeast corner.
004	WSF 3 Stage 2: Sample point 004 is for liquid waste storage facility 3 (WSF 3) located at the Main Dairy. WSF 3 is a concrete storage located north of WSF 2. The facility has a capacity of 9.45 million gallons and was constructed in 2017 with plan approval. This storage accepts manure and process wastewater from WSF 2 and the calf hutch runoff controls. WSF 3 acts as a second stage a balance between WSF 2 and WSF 3 is needed to ensure proper operation of the flush flume. Painted markers were located along the ramp in the northwest corner. A safety fence is required to be installed, see schedule section for due dates.
006	Miscellaneous Solid Manure: 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, storages, and separation building, etc. Representative samples shall be taken for each manure source type.
007	WTS 4 FSA: Sample point 007 is for liquid waste storage reception tank and transfer for the feed storage area (FSA) is located at the Main Dairy. WST 4 is a precast concrete tank storage located in the northeast

<b>Sample Point Designation For Animal Waste</b>	
<b>Sample Point Number</b>	<b>Sample Point Location, WasteType/sample Contents and Treatment Description (as applicable)</b>
	corner of the FSA. The facility has a capacity of 3000 gallons and was modified in 2017 to collect the 25-year 24-hour storm event. This storage accepts manure and process wastewater from the FSA. Waste is then transferred to WSF 1. Land application from the reception tank is only anticipated in emergency and maintenance situations.
009	Settled Manure Solids: Sample point 009 is for and manure solids removed from bottom of liquid waste storage facilities. This includes manure-laden sand solids, manure fiber solids, etc. Representative samples shall be taken from each waste storage facility.
010	WSF 1 Liquid: Sample point 001 is for occasional (seasonal) liquid waste removed from storage facility 1 (WSF 1) located at the Main Dairy. WSF 1 is a concrete lined storage located in the center of the production area, south of the large freestall barn, east of the sand separation building. The facility has a capacity of 228,322 gallons, measuring 120' x 83' x 10' and was constructed in 1997 and relined in 2008. This storage accepts manure and process wastewater from the southern freestall barns, lot scraping, sand separation building and feed storage area. WSF 1 was last evaluated in 2017 and met permit requirements.
011	Calf Hutch Area Runoff Control System: Sample point 011 is for visual monitoring and inspection of the calf hutch area and associated runoff control system located at Main Dairy. Calf Hutch Area runoff is pumped into waste storage facility 3. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program.
012	WTS Central Reception Tank: Sample point 012 is for the central reception tank that is used to transfer liquid waste from the free stall barns at the Main Dairy. The transfer tank is a concrete tank storage located between the northern and middle freestall barn. The facility was constructed in 2008. This storage accepts manure and process wastewater from the three dairy freestall barns and facilitates the transfer to the sand separation building. The central reception tank was last evaluated in 2008 and met permit requirements. Land application from the reception tank is only anticipated in emergency and maintenance situations. Land application from the reception tank is only anticipated in emergency and maintenance situations.
013	WTS 6 Calf Hutch Runoff Controls Collection: Sample point 013 is for liquid waste reception tank and transfer system located at the Main Dairy. WTS 6 is a precast liquid-tight concrete storage located the west side of the calf hutch area and east of WSF 3. The facility has a capacity of 5000 gallons and was constructed in 2019 with pumps for the collection of the 25-year 24-hour storm event. This storage accepts manure and process wastewater from calf hutch area and any solid manure stacked there. WTS 6 was constructed with plan approval.
014	Headland Stacking Sites: Sample point 014 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.
015	Feed Storage Area & Runoff Controls System: Sample point 015 is for visual monitoring and inspection of the feed storage area (FSA) and associated runoff control system located at Main Dairy. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to monitoring program. The facility was updated in 2017 with the collection of the 25-year 24-hour storm event and abandonment of the VTA.
016	Storm Water Runoff Control System: Sample point 016 is for visual monitoring and inspection of all

<b>Sample Point Designation For Animal Waste</b>	
<b>Sample Point Number</b>	<b>Sample Point Location, WasteType/sample Contents and Treatment Description (as applicable)</b>
	production site storm water conveyance systems. This includes roof gutter and downspout structures, drainage tile systems, grassed waterways and other diversion systems that transport uncontaminated storm water. Proper operation and maintenance is required to keep uncontaminated runoff diverted away from manure and process wastewater handling systems. Weekly inspections are required and shall be recorded according to monitoring program.
017	WSF 4 Sand Separation Building: Sample point 017 is for sand separation facility (WSF 4) located at the main dairy. The separation facility is a liquid-tight concrete storage located on the west side of the production area, north of the feed storage area (FSA) and south of the west end of the freestall barn. The facility contains sand separation equipment and separated sand before reuse, it was constructed in 2008. This storage accepts manure and process wastewater from FSA, WSF 1, the central reception tank, and parlor. The separation facility was last evaluated in 2008 and met 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 243 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 3,129 animal units. 1,900 milking & dry cows, 560 heifers, and 390 calves), it is estimated that approximately 27,305,640 gallons of manure and process wastewater will be produced per year. The permittee owns approximately 308.4 acres of cropland and rents about 2,813 acres. Given the rotation commonly used by the permittee, 3,080.3 acres are available (or open) to receive manure and process wastewater on an annual basis. The permit requires all landspreading of manure and process wastewater be completed in accordance with an approved nutrient management plan. The permit will require sampling and analysis of manure and process wastewater that will be landspread. Landspreading rates must be adjusted based on sample analysis. The permit requires the permittee to maintain a daily log that documents landspreading activities. The permit also requires the submittal of an annual report that summarizes all landspreading activities. Plans must be updated annually to reflect cropping plans and other operational changes. Among the requirements, the plans must include detailed landspreading information including field by field nutrient budgets.

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

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

In addition, the permittee must comply with restrictions on land application of manure and process wastewater on frozen or snow-covered ground. Included in these restrictions is a prohibition on surface applications of solid manure ( $\geq 12\%$  solids) on frozen or snow-covered ground during February and March, non-emergency surface applications of liquid manure ( $< 12\%$ ) on frozen or snow-covered ground are prohibited.

### **Monitoring and Sampling Requirements**

The permittee must submit a monitoring and inspection program that outlines how the permittee will conduct self-inspections to determine compliance with permit conditions. These self-inspections include visual inspections of water lines, diversion devices, storage and containment structures and other parts of the production area. The permit requires periodic inspections and calibrations of landspreading equipment. The permittee must take corrective actions to problems identified inspections or otherwise notify the Department. Samples of manure, process wastewater and soils receiving land applied materials from the operation must also be collected and analyzed.

### **Sampling Points**

The permit identifies the different sources of land applied materials (e.g., manure storage facilities, milking centers, egg-washing facilities) as “Sampling Points.” For these Sampling Points, the permittee is required to sample and analyze the different sources for nutrients and other parameters which serve as the basis for determining rates of application for these materials. Other areas are also identified as Sampling Points as a means of identifying them as areas requiring action by the permittee, such as an upgrade or evaluation of a certain system or structure (e.g., runoff control systems), even though sampling is not actually required.

**Sample Point Number: 001- WSF 1 Solid; 006- Miscellaneous Solid Manure; 009- Settled Manure Solids; 014- Headland Stacking Sites**

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	

**1.1.1 Changes from Previous Permit**

Descriptions for existing sample points were updated to current convention and details were added to better describe the facilities.

Sample point 014 was added to account for the potential use of proposed headland stacking sites.

**1.1.2 Explanation of Operation and Management Requirements**

Waste shall be sample, stored, and land applied according to permit and nutrient management plan requirements per s. NR 243, Wis. Admin. Code.

**Sample Point Number: 003- WSF 2 Stage 1; 004- WSF 3 Stage 2; 007- WTS4 - FSA, Tank, and Transfer; 010- WSF 1 Liquid; 012- WTS Central Reception Tank; 013- WTS 6 Calf Hutch Area Controls, and 017- WSF 4 Separation Building**

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	

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

### 1.1.3 Changes from Previous Permit

Descriptions for existing sample points were updated to current convention and details were added to better describe the facilities.

Sample points 010, 012, and 013 were added to better describe the collection, transfer, and storage of waste around the production area.

### 1.1.4 Explanation of Operation and Management Requirements

Waste shall be sample, stored, and land applied according to permit and nutrient management plan requirements per s. NR 243, Wis. Admin. Code.

### Sample Point Number: 011- Calf Hutch Area Runoff Control; 015- FSA & Runoff Controls System, and 016- Storm Water Runoff Controls

### 1.1.5 Changes from Previous Permit

Descriptions for existing sample points were updated to current convention and details were added to better describe the facilities.

Sample point 015 was added to describe and account for the monitoring of the feed storage runoff controls.

Sample point 016 was added to account for the monitoring and maintenance of stormwater conveyances around the production area.

### 1.1.6 Explanation of Operation and Management Requirements

Runoff controls should be visually monitored per the farms monitoring and inspection program and in accordance to s. NR 243, Wis. Admin. Code.

## 2 Schedules

### 2.1 Monitoring & Inspection Program

Use of the department's monitoring and inspection program template is encouraged, but optional.

Required Action	Due Date
Proposed Monitoring and Inspection Program: Consistent with the monitoring and sampling requirements subsection, the permittee shall update and submit a proposed monitoring and inspection	06/01/2024

program within 30 days of the effective date of this permit.	
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## 2.2 Emergency Response Plan

Required Action	Due Date
Develop Emergency Response Plan: The permittee shall update and submit an emergency response plan within 30 days of the effective date of this permit.	06/01/2024

## 2.3 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
NMP Submittal Updates: 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). This should include any update solid manure samples results as noted in the approval letter dated August 26, 2023, if not already submitted to the department.	06/01/2024
NMP Submittal Updates: Submit update expired soil test results as note in the NMP approval letter dated August 26, 2023	07/31/2024
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.	03/31/2025
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.	03/31/2026
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.	03/31/2027
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.	03/31/2028
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.	03/31/2029
Submit Ongoing NMP Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed, 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.	

## 2.4 Annual Reports

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

Required Action	Due Date
Submit Annual Report #1: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2025



Submit Annual Report #2: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2026
Submit Annual Report #3: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2027
Submit Annual Report #4: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2028
Submit Annual Report #5: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2029
Ongoing Annual Reports: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	

## 2.5 Manure Storage Safety Fence - Installation

Required Action	Due Date
Complete Installation: Complete construction of the manure storage safety fence. The facility shall be functional and in operation by the specified Date Due.	06/30/2025

## 2.6 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	10/01/2028

## 2.7 Explanation of Schedules

Schedules are included in the permit to ensure compliance with s. NR 243, Wis. Admin. Code, requirements.

Most of the Schedule items are typical for a large dairy facility like this one. The schedules contained in 2.1, 2.2, 2.3, 2.4, and 2.6 are standard permit schedules.

Schedule section 2.5 was added to the permit for the installation of a safety fence as specified in the approved plans and specifications.

## Special Reporting Requirements

None

## Other Comments:

None

## Attachments:

Inspection report with map(s): November 18, 2022

NMP Plan Approval Letter(s): August 26, 2023

Days of Storage- No further actions letter(s): August 16, 2023

Public Notice: February 23, 2024

## **Expiration Date:**

**March 31, 2029**

## **Justification Of Any Waivers From Permit Application Requirements**

None

**Prepared By: Eric Struck      Agricultural Runoff Management Specialist**

**Date: [February 23, 2024](#)**

**Notice of Reissuance was published in the Watertown Daily Times, PO Box 140, Watertown, WI 53094-4949**



November 18, 2022

Kevin Griswold  
Tag Lane Dairy LLC  
W801 Gopher Hill Road  
Ixonix WI 53036

Jefferson County

**Subject: Reissuance Inspection Report Summary**

Dear Mr. Griswold:

On October 11, 2022, the Wisconsin Department of Natural Resources (WDNR) conducted a site inspection for Tag Lane Dairy LLC as part of the WPDES permit reissuance process. A copy of this inspection report is attached.

Please review the attached site inspection report. The end of the report summarizes actions that will be necessary and possible schedule items for the first permit term.

The final permit application should be submitted by April 1, 2023. Permit application materials must be submitted through the ePermitting System located at <http://dnr.wi.gov/permits/water/>. The following is required for a complete permit application:

Permit Application Materials Required for All Operations:

- 3400-025 form (Livestock/Poultry Operation WPDES Permit Application)
- 3400-025A form (Animal Units Calculation Worksheet)
- 3400-025B form (Nutrient Management Plan Checklist)
- 3400-025C form (Reviewable Facilities of Systems Checklist)
- Soil survey map(s) for each site managed by your operation
- Labeled aerial map(s) showing the features and structures located at each site managed by your operation (clearly delineate what is existing and proposed)
- Calculations documenting a minimum of 180 days liquid manure (and process wastewater) storage
- Supporting documentation for 180-day storage calculations
- A complete 5-year Nutrient Management Plan (NMP). If necessary, include a description of permanent spray irrigation systems and any other land spreading or treatment systems (proposed or active)
- \*Plans and specifications for reviewable facilities (if proposed)

**\*Note: Plans and specifications must be submitted through the ePermitting system as a separate submittal**

If you have any questions regarding this letter, inspection report, or permit requirements, please contact me at (608) 422-1512 or [eric.struck@wisconsin.gov](mailto:eric.struck@wisconsin.gov). If you have any questions on the ePermitting submittal process, please contact Tony Salituro at (608) 267-7150 or [Anthony.salituro@wisconsin.gov](mailto:Anthony.salituro@wisconsin.gov).

Sincerely,

A handwritten signature in black ink that reads "Eric J. Struck". The signature is written in a cursive style with a loop at the end of the last name.

Eric J. Struck

Agricultural Runoff Management Specialist – Bureau of Watershed Management

Wisconsin Department of Natural Resources

Cell: (608)-422-1512

[eric.struck@wisconsin.gov](mailto:eric.struck@wisconsin.gov)

Attachments: Inspection report October 11, 2022

CC: Laura Bub, Tony Salituro (WDNR)  
Kevin and Brad Griswold (Tag Lane Dairy LLC),  
Jess Ray (Outland Design- Engineer),  
Nikki Wagner (Rock Rive Labs- Crop Consultant)  
Joe Strupp and David Hoffman (Jefferson County)

## CAFO Compliance Report: November 18, 2022



Inspection Date: October 11, 2022

Inspection Type: Reissuance

Operation Name: Tag Lane Dairy LLC

WPDES Permit No. WI-0063932-2

Operation Address: W801 Gopher Hill Road, Ixonia WI, 53036; Jefferson County

On-Site Representative(s): Kevin Griswold, Tag Lane Dairy  
Brad Griswold, Tag Lane Dairy  
John Pernat, Tag Lane Dairy  
Nikki Wagner, Rock River Labs

DNR Staff / Report Writer: Eric Struck, WDNR CAFO Specialist /writer

County Staff: Joe Strupp, Jefferson County  
Dave Hoffman, Jefferson County

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On October 11, 2022, at 1:00 pm, Eric Struck of the Wisconsin Department of Natural Resources (WDNR) met with representatives of Tag Lane including, Kevin and Brad Griswold, John Pernat, and Nikki Wagner, Joe Strupp and Dave Hoffman of Jefferson County also joined on the inspection. The purpose of the inspection was for the upcoming reissuance of Tag Lane Dairy's LLC WPDES CAFO Permit. Tag Lane Dairy's LLC WPDES permit expires on September 30, 2023, and the reissuance application is due on April 1, 2023. The weather during the inspection was mostly clear in the mid 70's F, little to no precipitation had fallen the week prior to the inspection. No water samples were taken during the inspection. The inspection concluded by 4:00 pm.

Please see the final section of the inspection report for a list of action items, areas of concern, and any additional application materials required for the final WPDES permit application

### **Brief Facility Description**

Tag Lane Dairy LLC is an existing Concentrated Animal Feeding Operation (CAFO). Tag Land Dairy LLC is owned and operated by the Griswold Family. The farm currently has 2,979.7 animal units consisting of milking & dry cows, heifers, and calves. Tag Lane Dairy LLC has a total of 3063 acres available for land application of manure and process wastewater. Tag Lane Dairy has no planned expansion during the proposed permit term but may construct a new calf barn. Approximately 24.4 million gallons of manure and process wastewater during the last crop year. The farm has a proposed 271 days of liquid manure storage and at least 59 days of solid manure storage.

One facility is covered under the Tag Lane Dairy WPDES Permit. Located at W801 Gopher Hill Road, Ixonia WI 53036 in Jefferson County. The dairy is composed of a parlor with three dairy freestalls, three heifer barns, a calf barn, one calf hutch area with runoff controls, a feed storage area with runoff controls, a sand separation building, and 3 waste storage facilities.

# Agricultural Runoff Viewer



0.1  
0 0.06 0.1 Miles

1:3,960

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>

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**Legend**

**CAFO Facilities**

- Dairy (Purple triangle)
- Beef (Blue triangle)
- Swine (Green triangle)
- Chickens (Yellow triangle)
- Turkeys (Orange triangle)
- Ducks (Red triangle)
- Other (Black triangle)

**CAFO Satellite Facilities**

- Buildings (White square)
- Runoff Flow (Orange square)
- Waste Transfer (Pink square)
- Waste Storage (Red square)
- Other Production Areas (Green square)

**Storm Water Inlets**

- Storm Water Inlet (Blue circle with arrow)
- Tile Inlet (Blue arrow)
- Tile Outlet (Red arrow)

**Storm Water Flow**

- Surface (Blue line)
- Tile Drainage (Blue line with arrow)
- Underground (Blue line with arrow)

**Wetland Identifications and Co**

- Wetland (Green diamond)

**Municipality**

- Municipality (Yellow outline)

**State Boundaries**

- State Boundaries (Green outline)

**County Boundaries**

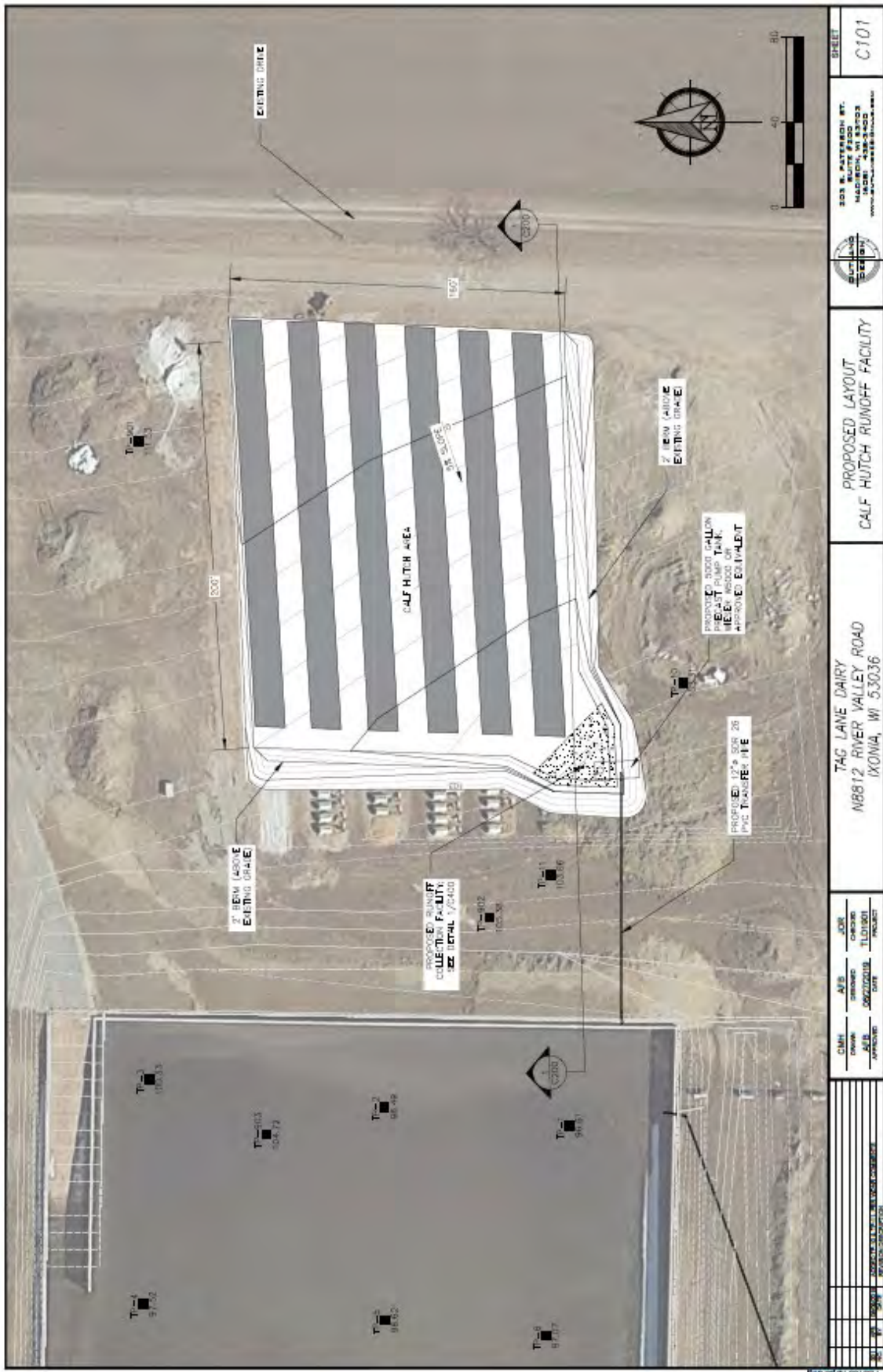
- County Boundaries (Black outline)

**Notes**

Map 1. Surface Water Data Viewer map with surface water and wetland layers active. Photo from 2020.



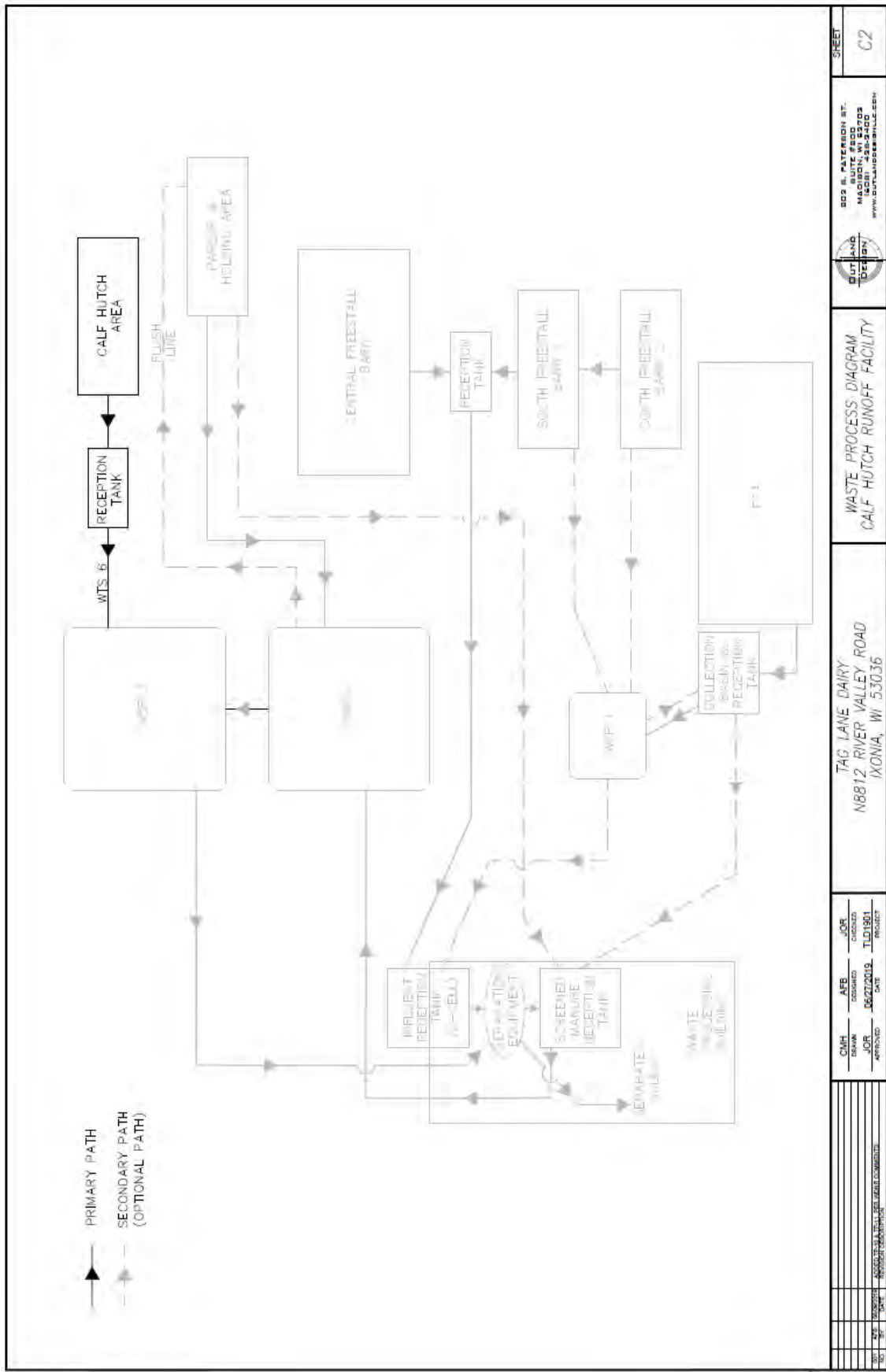
Map 2 Engineer Map prepared by Outland Design for the calf hutch area built in 2018.



		303 S. PATTERSON ST. MADISON, WI 53703 PHONE: 608-263-8400 WWW.S&SENG.COM	
SHEET <b>C101</b>		PROPOSED LAYOUT CALF HUTCH RUNOFF FACILITY	
TAG LANE DAIRY N8812 RIVER VALLEY ROAD IXONIA, WI 53036		DATE: 08/20/2013 TIME: 10:00 AM	
CMM DRAWN A/E	A/E/S CHECKED DATE	JOB CHECKED PROJECT	PROJECT DATE

Map 3 Design of the new calf hutch area installed at Tag Lane Dairy LLC.





DATE: 10/20/2015		DATE: 06/27/2015		DATE: 11/01/2015		PROJECT: TLD1901			S&B ENGINEERING, INC. 805 E. PATTERSON ST. MADISON, WI 53705 WWW.S&BENGINEERING.COM	SHEET C2
DRAWN: JOR		DESIGNED: JOR		CHECKED: JOR		PROJECT: TLD1901				
DATE: 10/20/2015		DATE: 06/27/2015		DATE: 11/01/2015		PROJECT: TLD1901		TAG LANE DAIRY N8812 RIVER VALLEY ROAD IXONIA, WI 53036 WASTE PROCESS DIAGRAM CALF HUTCH RUNOFF FACILITY		

Figure 1. Flow Diagram for manure and process wastewater at Tag Lane Dairy LLC.

## SITE OBSERVATIONS

### Feedlot Runoff

Feedlot areas are not 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.

Tag Lane Dairy had closed all outdoor lots during the previous permit term. A section of an old feed lot is currently being used for an experimental trial for raising young calves in the first several weeks of life in calf hutches. This area does not currently have runoff controls. No discharges were observed during the inspection. Discussion of the lot include the construction of a curb to collect runoff, a roof to cover the lot, and the construction of a new calf barn. Pending the outcome of the trial a formal decision will be made and the farm will notify the WDNR. An evaluation of the current lot maybe included in the proposed permit if the farm wishes to maintain the use of the lot. The lot should be added to the farms monitoring and inspection program to ensure the lot meets permit discharge limitations. This lot is located between the feed storage area and free stall barns, next to a loafing barn. No runoff or discharges were observed at the time of the inspection.



Photo #:	1
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Calf hutches on old feed lot, facing east, loafing barn on the north side of lot with animals under roof.	



Photo #:	2
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Calf hutches on old feed lot, calves housed inside of the hutches, bedded with straw on concrete.



Photo #:	3
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing northeast at the corner of the old concrete feed lot, calf hutches behind the photo. No runoff observed leaving the feed lot. New driveway runs north to south beyond barn.



Photo #:	4
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing west at barn and calf hutches on old feed lot from new driveway.



Photo #:	5
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: facing west at bunker wall and calf hutches on old feed lot. Existing curb on the north and side of the lot. Noticeable bow in the northern feed bunker wall.



Photo #:	6
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: North side of barn on old feed lot. Curb appears in good condition.	

Calf Hutch Areas

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

Tag Lane Dairy has one permanent calf hutch area located north of the parlor and east of the WSF 2 and WSF 3. The calf hutch was constructed with plan approval in 2019 with runoff controls. The calf hutch area is gravel with a clay sub-liner. Runoff flow to the west and south to the southwest corner of the calf hutch area to a reception tank and is automatically pumps to WSF 3. The calf hutch area appeared clean and well maintained. Some grading maybe needed around the collection point between the concrete and gravel as the gravel has settled over time. Maintenance should be performed to make sure the facility operates as designed.



Photo #:	7
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing west along south side of the calf hutch area and WSF 3. Dry bedding stored south of the calf hutches. Area south is also graded for a proposed new calf barn.



Photo #:	8
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing north along east side of calf hutch area and driveway to Gopher Hill Road. Used gravel and bedding stored on calf hutch area before land application. Used bedding material is within the runoff collection of the calf hutch area.



Photo #:	9
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing south down calf hutch area. Gravel is removed from the calf hutches once calves are moved out.



Photo #:	10
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing north from collection apron. Maintenance should be performed around apron from settled gravel from construction.



Photo #:	11
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Manhole drain for collection tank for calf hutch area runoff controls. Some debris but flow was not obstructed. Some grading maybe needed around the concrete apron so flow and reach the concrete.



Photo #:	12
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Reception tank and pump of calf hutch area runoff controls. Collection tank is pumped automatically to WSF 3.





Photo #:	13
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Pipeline running from calf hutch area runoff collection tank to WSF 3.	

Waste Storage Facilities

Solid and liquid waste storage facilities are managed to not have current or past indicators of discharges (includes headland stacking sites).

Solid and liquid waste storage structures are well-maintained, in good repair, and in compliance with permit requirements.

Liquid waste storage facilities have permanent markers installed.

Tag Lane Dairy has three liquid waste storage facilities on the production area along with a sand separation building. Solid manure is either land applied directly from the barns, headland stacked, or stacked temporarily in the calf hutch area within the runoff control collection. Liquid Manure is applied by DR Ag Services. Tag Lane land applies its own solid manure as needed. Some housekeeping is required once hauling season is complete to ensure the production area meets permit discharge limitations. Tag Lane has also started using a Micro Biology additive to help with odor and nutrient uptake. Freestall barns are manual scraped with skid loaders and are bedded with sand. Misters are only present in the parlor holding area. Calf Hutches are bedded with straw and gravel. The farm plans to submit locations for headland stacking but does not anticipate using them at this time.

The sand separation building is located south of the large freestall barn and west of WSF 1. The sand separation building was constructed in 2008. Sand is separated from manure from the freestalls and is stored under roof to dry before being reused. All sand and waste water was contained to the sand separation building. Waste from the separation process is transferred to WSF 2. No discharges were observed. Walls appeared to be in good condition and no leaks were observed.

WSF 1 is a concrete lined storage that was originally built in 1997 and relined in 2008 with concrete, WSF 1 is in the center of the production area, south of the large freestall barn, east of the sand separation building, WSF1 collects waste from the barns adject to it and feed storage area. The waste is primarily hauled as solid

manure, but certain times of the year liquid can be pumped from the storage. The storage appeared to be in good conditions and markers were located on the center structure of the storage.

WSF 2 is a concrete first stage storage that was constructed with plan approval in 2008. The storage accepts waste from the sand separation building, feed storage area transfer tank. The storage has the capacity of 8.54 million gallons. Markers were observed on the southeast corner of the storage along the ramp and were marked with orange spray paint. Manure is transferred from WSF 2 to WSF 3 manually with a tractor pump. A balance between WSF 2 and WSF 3 is needed to ensure the flush flume system has enough liquid to operate. The wall of the storage appeared to be in good condition.

WSF 3 is a concrete second stage storage that was constructed with plan approval in 2017. The storage accepts waste from WSF 2 and the calf hutch runoff controls and has a capacity of 9.45 million gallons. Walls around the storage appeared to be in good condition and markers were observed in the northwest corner of the storage and were marked with orange spray paint. Safety fencing was not observed and may be included in the next permit term.



Photo #:	14
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Looking inside the sand separation building. Recaptured sand is dried and stored underroof prior to being used in the freestall barns for bedding.	



Photo #:	15
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: A sand berm just off the main piles to help hold runoff from the separates sand in the building.



Photo #:	16
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Just outside the entrance to the sand separation building. All sand and runoff contained to the building.



Photo #:	17
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: West exterior wall of the sand separation building facing north.	



Photo #:	18
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: East exterior wall of the sand separation building facing north.	



Photo #:	19
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: WSF 1 from the access ramp facing north.



Photo #:	20
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: WSF 1 facing east from ramp. Storage is at a low level at the time of the inspection.



Photo #:	21
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: WSF 1 has a high solid content. The sides of the storage had recently been scraped clean.	



Photo #:	22
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Facing north at WSF 1, wall in the left center has markers on the south side of the wall.	



Photo #:	23
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Close up of the markers on wall in WSF 1, graded marker for measuring depths.



Photo #:	24
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: facing west from access ramp at concrete side walls. Some solids remain from recent cleaning. Appears storage is in good condition.



Photo #:	25
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: WSF 2 from access ramp at southeast corner, facing west. Discharge pipe visible on south wall.	



Photo #:	26
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Wall along access ramp, has a marker at end of the wall. Southeast corner of WSF 2.	





Photo #:	27
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Pump in the northeast corner of WSF 2 for the transfer of waste to WSF 3. Levels must be maintained to ensure the function of the flush flume system.



Photo #:	28
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Pump in WSF 2 for land application.



Photo #:	29
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing southwest at the pump and load out area of WSF 2. Hose to WSF 3 and for land application transfer laying out.



Photo #:	30
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Pipe stand from WSF 2 to WSF 3 for the manual transfer of manure to WSF 3. Located on the south side of WSF 3.



Photo #:	31
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: East side of WSF 3 facing south.



Photo #:	32
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: facing north at the northeast corner of WSF 3. Spray painted markers located on the access ramp in the northeast corner.



Photo #:	33
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Load out area on the west end of the southern heifer barns. The in the load out area of the southernmost heifer barn dry corn was being stored while the harvest was still underway. Dry corn does not pose a resources concern and the farm planned to use the corn up in the coming weeks.



Photo #:	34
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Push out area on the west end of the central free stall barn, north of the feed storage area, and southeast of WSF 1. Area was well maintained.

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

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

Milk house waste is pumped to WSF 2. Holding tanks area outside the parlor for cooling and wash water.



Photo #:	35
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Holding tanks outside milking parlor.	

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.

Tag Lane Dairy has one feed storage area with complete runoff collection. The former VTA is only used for storm water conveyance. All runoff from the feed storage area is collected in a 3000-gallon reception tank and gravity flows to WSF 1. Perimeter drain tiles also flow to the collection point if any leachate leaves the feed bunkers.

At the time of the inspection corn silage had just been finished. After a second round of harvest with a different moisture of silage the pile settled and pushed off the feed pad. Tag Lane made attempts to move the feed pile, but it was too large and damage to the ground around the area was occurring. Tag Lane built a berm to direct any surface runoff from the edge of the pile to the feed storage area reception tank. The perimeter drain tile appeared to be collecting any leachate under the pile and was flowing to the collection tank. Once the silage is fermented, and pile becomes accessible the farm will work to remove the feed and repair any damage to the surrounding area. Tag Lane Dairy should notify Eric Struck of the clean up progress and note any changes in their monitoring and inspection program and CAFO calendar. The farm has considered long term plans to make some changes to this side of the feed storage area. Plans and specification requirements were discussed as well as possible rain gutters on the heifer barn and further grading to help with clean water diversions from the area.

Some bunker walls also appeared to be bowing and some cracks in the concrete was observed. Maintenance should be performed as needed. Changes to the walls and floors may need department plan approval. The

collection tank and transfer to WSF1 appeared to be in good condition and functioning properly at the time of the inspection.



Photo #:	36
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: North side of feed storage area, wall on the eastern half had bow in the wall. Wall should be monitored for safety concerns.	



Photo #:	37
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Middle of the north side of the feed storage area. Area is being feed from.	



Photo #:	38
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing west from the center of the northern wall of the feed storage area. Wall appears to be in better condition, no leachate observed outside the storage area.



Photo #:	39
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing south along the western end of the feed storage area. Leachate observed flowing to feed storage runoff collection.



Photo #:	40
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing southeast along the southwest end of the feed storage area, leachate flow path observed flowing to reception tank.



Photo #:	41
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing east along the southern side of the feed storage area, leachate flowing west.





Photo #:	42
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Facing east along the middle of southern side of the feed storage area, leachate flowing west.	



Photo #:	43
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Leachate and runoff coming from recently harvested corn silage.	



Photo #:	44
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: South side of the southeast corner of the feed storage area. Pile had settled off the feed storage pad. Evidence of trying to clean and stop the pile from moving visible. Gravel berm was added to direct any surface flow to the reception tank. Feed storage area has perimeter drain tile to collect any other runoff from the area.



Photo #:	45
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Gravel berm and tire tracks from efforts to stop the pile from moving any further. Surface flow directed back to the feed pad for collection.



Photo #:	46
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing west from the east end of the southern side of the feed storage area. Feed pile settled over the curb of the feed storage area. Attempts were made to stop the pile from moving.



Photo #:	47
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: pump located in the reception tank of the feed storage area runoff collection tank.



Photo #:	48
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Feed storage runoff collection tank. Leachate and runoff is collected in 3000 gallon tank and gravity flows to WSF 1.



Photo #:	49
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Eastern end of the feed storage area facing north. Feed contained to feed pad.



Photo #:	50
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Eastern end of the feed storage area facing south. Feed contained to feed pad.



Photo #:	51
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Dry corn being stored outside for immediate use while harvest is taking place. Short term storage and did not pose a resource concern at the time of the visit.

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

Tag Land has a dedicated covered structure for mortality storage and pick up. The farm uses Grant Stock Removal for mortality pick up.



Photo #:	52
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Mortality shed located south of WSF 1 and west of the feed storage area.	

#### 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.).

Management practices are implemented to sustain sufficient vegetative cover on CAFO outdoor vegetated areas.

Driveways and storm drains were free of debris and manure. Unused straw should be cleaned up before it becomes saturated, and poses a resource concern. Push out areas and sand storage were clean and well maintained. The unabandoned VTA is in the process of being cleaned up and grated to improve stormwater conveyances. This area should be reseeded as soon as possible to help prevent erosion and the farm is in the process of completing this project. Drive through feed lanes appeared clear of waste feed and were under roof.



Photo #:	53
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Abandoned VTA west of WSF 1. Now used for storm water only. Further grading needed from removal of culverts. Facing west near sand separation building.



Photo #:	54
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing west at abandoned VTA. Well vegetated and free of debris.



Photo #:	55
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Unused straw stored south of the calf hutch area. Straw should be used or removed before saturation or moved to proper storage area. Farm plans to use or land apply this fall.



Photo #:	56
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing north along main driveway to Gopher Hill Road. Looking towards calf hutch area. Left side of photo is possible location of future calf barn.





Photo #:	57
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Facing west at covered drive by feeding lane of calf barn south of the calf hutch area.



Photo #:	58
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Clean sand storage outside of middle freestall barn.



Photo #:	59
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Facing west at drive by feeding lane along mild free stall barn. Under roof and free of waste feed.	

**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.

Tag Lane LLC had all needed documentation on site at the time of the inspection. Struck explained that submittal of the upcoming monitoring and inspection program and emergency response plan should be done directly to him. Nikki stated each would be found in the NMP and NMP updates moving forward. Struck also explained the expectations for the monitoring and inspection program and the use of the calendar to track the required inspections.

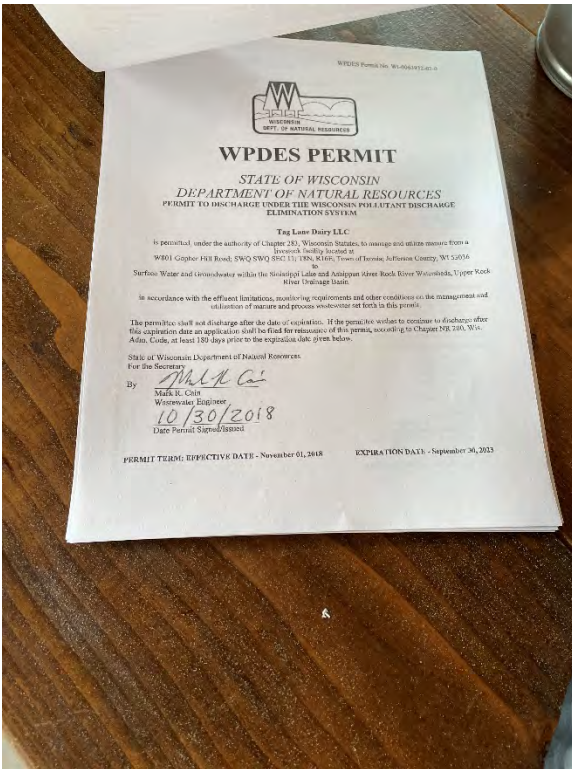


Photo #:	60
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Copy of Tag Lane Dairy LLC WPDES Permit.

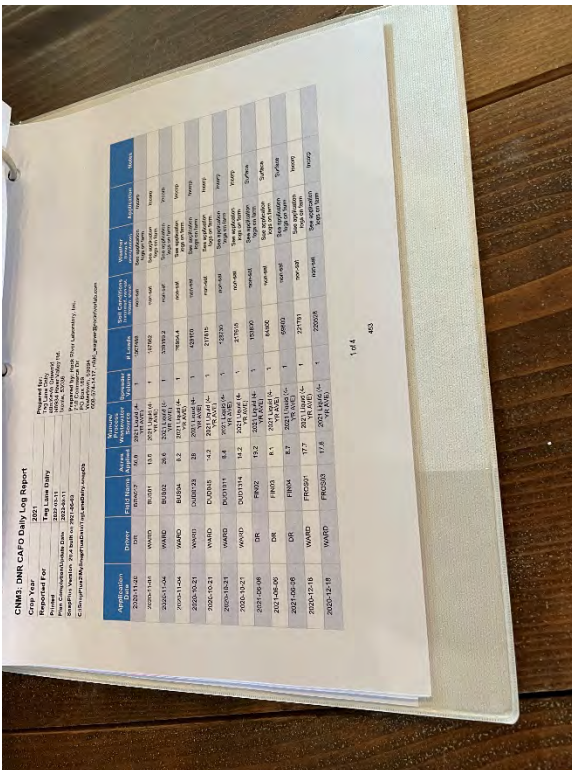


Photo #:	61
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Copy of Tag Lane Dairy LLC Nutrient Management Plan (NMP).

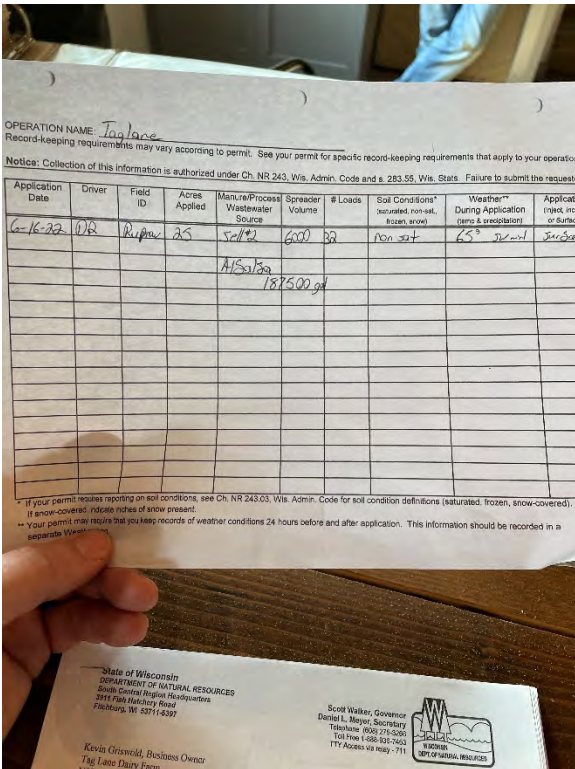


Photo #:	62
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Recent hauling logs for Tag Land Dairy LLC.

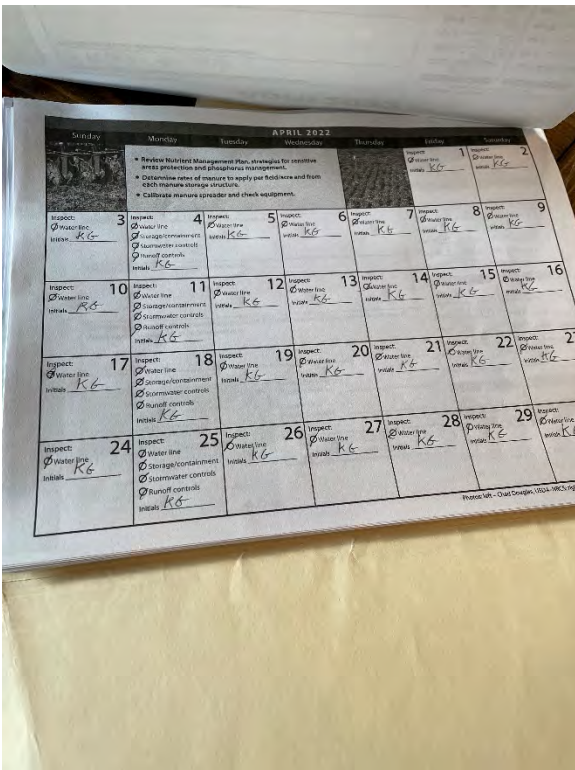


Photo #:	63
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J

Description: Copy of the CAFO calendar used to record Tag Lanes Dairy LLC monitoring and inspection program.

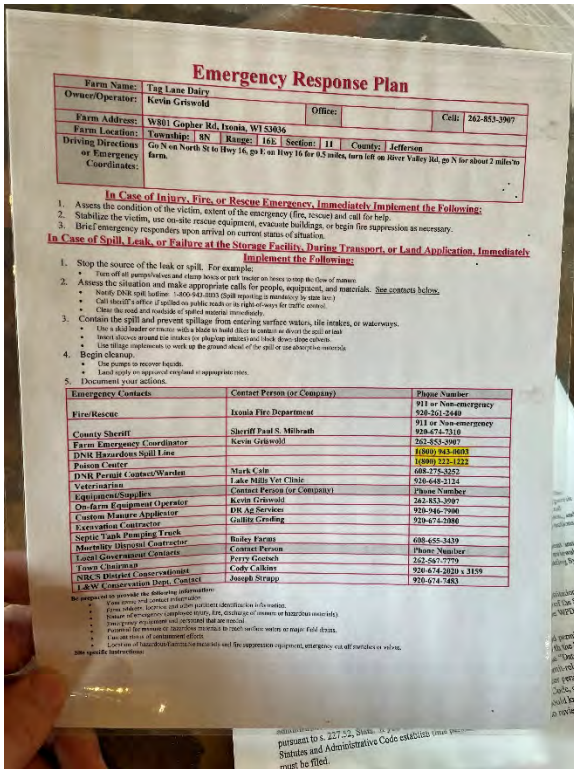


Photo #:	64
Date/Time:	10/11/2022
Photo Location:	Tag Land Dairy LLC
Photo taken by:	Struck, Eric J
Description: Copy of the farms Emergency Response Plan.	

**SUMMARY**

Areas of Concern

- Bunker walls, north side
- Settle Corn silage off the feed pad
- Safety fence around WSF

Permit Violations Alleged Noncompliance

- None Identified during the inspection

Action Items

- Monitor bunker walls and feed storage area
- Monitor the settle corn silage and runoff controls of the area
- Grading around calf hutch runoff controls
- Safety Fence around WSF

Items for Next Permit Term

- Possible evaluation or plans and specifications for experimental calf hutch lot
- Possible plans and specification for feed storage area
- Safety Fence around WSF



August 26<sup>th</sup>, 2023

Jefferson County  
Approval

Kevin Griswold  
Tag Lane Dairy  
N8812 River Valley Rd  
Ixonia, WI 53036

SUBJECT: Conditional Approval of Tag Lane Dairy Nutrient Management Plan, WPDES Permit  
No. 0063932-03-0

Dear Kevin Griswold:

After completing a review of Tag Lane Dairy 2023-2027 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 Tag Lane Dairy 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 Tag Lane Dairy may have:

- Soils that may have bedrock or groundwater within 24 inches of 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 Tag Lane Dairy 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 3,129 animal units (1,900 milking & dry cows, 560 heifers, and 390 calves). Currently there are no planned expansions in the next permit term.
2. Manure generation and spreading records indicate your herd will annually generate approximately 27,305,640 gallons of manure and process wastewater and 1,900 tons of solid manure in the first year of the permit term.
3. The use of application restriction options 1 and 5 within surface water quality management areas.
4. The use of phosphorus delivery method P Index.
5. That Tag Lane Dairy currently has 3,121.4 acres (308.4 owned and 2,813 controlled through contracts, rental agreements or leases, or under manure agreements) of which 3,080.3 are spreadable acres.
6. That some fields included in the NMP are directly adjacent to or have high potential to deliver nutrients and sediment to Rock River (listed 303(d) impaired water by 'total phosphorus' & 'sediment/total suspended

solids'), Baker Creek (listed 303(d) impaired water by 'sediment/total suspended solids'), Ashippun River, Okauchee Lake, and North Lake (listed 303(d) impaired water by 'total phosphorus').

7. That some fields included in the NMP are directly adjacent to or have high potential to deliver nutrients and sediment to outstanding/exceptional waters including Oconomowoc River.

8. That 63 fields are tiled.

- BAE01	- BUS01	- BUS02
- BUS 04	- BUS08	- BUS09
- BUS11	- BUS13	- BUS15
- CJA02ABC	- DUD045	- DUD0123
- DUD1314	- FRA01	- FRA02
- FRA04	- FRA05	- FRA07
- FRA09	- FRA10	- FRA11
- HOM04AB	- HOM05ABCD	- HUM01A
- HUM01B	- HUM02A	- HUM02B
- HUM03	- HUM05	- JJA06
- JJA09	- JJA17	- JJA20
- JJA22	- KOL01345	- KRE01AB
- MCN01	- NOR01A	- NOR01B
- PER01	- RJA08	- RJA1617
- ROH01AB	- SAU01	- SAU02
- SAU04	- SCH01	- STRJ05
- TIED03	- TIED04	- TUR067
- TUR012345	- TUR08910	- WIE01A
- WIE01B	- WIE02	- WIE04A
- WIE04B	- WIE05A	- WIL01
- ZIM04	- ZIM05	- IM0102

9. 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.

10. 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 2023-2027 Tag Lane Dairy Nutrient Management Plan subject to the following conditions and the applicable requirements of Ch. NR 243, Wis. Adm. Code:

#### FIELD AND MANURE MANAGEMENT

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

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

Field Name	Other Permittee Name	Other Permittee Field Name	DNR #
BAE05	Ixonia Utility District #1 WWTF	RB 1	90656

MAL01	Oconomowoc Wastewater Treatment Plant	JM 4	27665
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Prior to any manure applications on these fields Tag Lane Dairy 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 Tag Lane Dairy shall contact each entity listed above to obtain spreading records from the previous year so that they can be properly tracked in the NMP. Please Note: Tag Lane Dairy is responsible for obtaining nutrient content values for all other wastes spread on any field in their NMP.

3. The following fields are prohibited from receiving applications of manure or process wastewater due to expired or insufficient soil sample status:

- |           |           |           |
|-----------|-----------|-----------|
| - ADA01   | - ADA02   | - ADA03   |
| - ADA05A  | - ADA05B  | - ADA05C  |
| - FRA01   | - FRA02   | - FRA04   |
| - FRA05   | - FRA07   | - FRA09   |
| - FRA10   | - FRA11   | - FROS01  |
| - FROS02  | - FROS03  | - FROS04  |
| - FROS05  | - FROS06  | - FROS07  |
| - HWYC01  | - HWYC02  | - HWYC03  |
| - HWYC04A | - HWYC05  | - P01     |
| - RUPD01  | - RUPD02  | - RUPD03  |
| - STRD01A | - STRD01B | - STRD02  |
| - STRD03  | - STRJ01A | - STRJ01B |
| - STRJ02  | - STRJ03  | - STRJ04  |
| - STRJ05  | - STRJ06  | - TIED01  |
| - TIED02  | - TIED03  | - TIED04  |
| - TIED05  | - TIED06  | - TIER01  |
| - TIER03  | - TIER04  | - TIER06  |

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

4. If existing fields yield a soil test results equal to or greater than 200 ppm P, those fields would be prohibited from receiving manure or process wastewater applications, unless you obtain Department approval in accordance with NR 243.14(5)(b)2., Wis. Adm. Code.
5. All liquid manure samples collected may be analyzed, at a minimum, for percent dry matter, total nitrogen, percent NH<sub>4</sub>-N, percent NO<sub>3</sub>-N, phosphorus, potassium, and sulfur.
6. If manure sample results have a dry matter (DM) content less than 2.0% and the percent ammonium (NH<sub>4</sub><sup>+</sup>) is greater than 75% of the total N, Tag Lane Dairy may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

7. Tag Lane Dairy shall record daily manure applications by using 'The Daily Log' as generated by Snap Plus. These forms shall be retained at the farm and provided to the department upon request.



8. Tag Lane Dairy 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 'CAFO Annual Spreading Report' as generated by Snap Plus.

### WINTER SPREADING

9. Liquid manure applications during winter conditions, as defined by NR 243.14(7), Wis. Adm. Code, are prohibited with the exception of emergency applications.
10. The following field(s) are approved for winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:
- |          |          |           |
|----------|----------|-----------|
| - BAE05  | - RUPD01 | - RUPD02  |
| - RUPD03 | - FROS01 | - FROS02  |
| - FROS03 | - FROS05 | - FROS07  |
| - HAN01  | - CRE01  | - HOLCW03 |
| - HUM01A | - HUM01B | - HUM02A  |
| - HUM02B | - HUM03  | - HUM04   |
| - HUM05  | - MAL01  | - IME01   |
| - IME02  |          |           |
11. Winter spreading of solid and liquid manure may not occur during the "high risk runoff period" pursuant to s. NR 243.14(6)(c) and NR 243.14(7)(c), respectively.
12. Winter applications of liquid manure shall only occur under emergency situations, after notifying the Department and receiving verbal approval.
13. Liquid applications shall be limited to 3,500 gallons per acre or 30 lbs. P per acre, whichever is less, on slopes 2-6% and 7,000 gallons per acre or 60 lbs. P per acre, whichever is less, on slopes 0-2%. Winter applications of solid manure shall be limited to 60 lbs. P per acre.

### HEADLAND STACKING

14. The following headland stacking site is denied based on the specific information outlined below:

<b>Stacking Site ID:</b>	<b>Denial Reason:</b>
FIN023-1	Land Slope in Relation to Stack > 6%

15. The following headland stacking sites may only be used with manure that is >32% solids during February and March only, or when the ground is not frozen, or snow covered. Should manure test 32% or below, two sites marked \* can be used for 16-32% solids due to slope (see details below) during February and March only.

<b>Stacking Site ID:</b>	<b>Dominant Soil Type Details:</b>
ADA05C-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
BRA01-1 *	ThA, 0-2% Slope, HSG: C, WT:>80", BR: >80"
BRA01-2 *	ThA, 0-2% Slope, HSG: C, WT:>80", BR: >80"
DUD07-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
DUD07-2	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
DUD089-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
DUD089-2	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
GER01-AB-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
GER01-AB-2	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
GER02AB-1	DdB, 2-6% Slope, HSG: C, WT:>80", BR:>80"

GER02-AB-2	DdB, 2-6% Slope, HSG: C, WT:>80", BR:>80"
HUM01B-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
HUM01B-2	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
HUM02A-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
HUM02A-2	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
KOL01-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
SAU02-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
SAU02-2	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
ZIM02DE-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
ZIM02DE-2	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
ZIM02DE-3	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
ZIM03A-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
ZIM03B-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"
ZIM03C-1	ThB, 2-6% Slope, HSG: C, WT:>80", BR: >80"

\*Indicates on BRA01-1 and BRA01-2 can be used during February and March only if needed for 16-32% solids since these fields have slope of 0-2%.

#### MANURE & PROCESS WASTEWATER IRRIGATION

16. Irrigation of manure or process wastewater is prohibited.

#### SUBMITAL AND RECORDKEEPING REQUIREMENTS

17. A copy of this conditional approval shall be included in all future annual Nutrient Management Plan Updates in addition to the NR 243 and NRCS 590 checklists.
18. Two solid manure samples are due by no later than **December 31<sup>st</sup>, 2023** to verify values utilized in the NMP, and for purposes of manure stacking. No stacking should take place until this is completed, and the % dry matter is verified.
19. All expired soil tests should be updated with results provided to the department by **July 31<sup>st</sup>, 2024**.

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

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

If you have any questions regarding this approval, I can be reached at 608-212-8460 or [Ashley.Scheel@Wisconsin.gov](mailto:Ashley.Scheel@Wisconsin.gov).

Sincerely,



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

cc: Eric Struck, WDNR Agricultural Runoff Specialist ([Eric.Struck@Wisconsin.gov](mailto:Eric.Struck@Wisconsin.gov))  
Laura Bub, WDNR Watershed Field Supervisor ([Laura.Bub@Wisconsin.gov](mailto:Laura.Bub@Wisconsin.gov))  
Christopher Clayton, WDNR Runoff Management Section Chief ([Christopherr.Clayton@Wisconsin.gov](mailto:Christopherr.Clayton@Wisconsin.gov))  
Aaron O'Rourke, WDNR Nutrient Management Program Coordinator ([Aaron.Orourke@Wisconsin.gov](mailto:Aaron.Orourke@Wisconsin.gov))  
Falon French, WDNR Intake Specialist ([Falon.French@Wisconsin.gov](mailto:Falon.French@Wisconsin.gov))  
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Marissa Castello, Waukesha County ([Mcastello@Waukeshacounty.gov](mailto:Mcastello@Waukeshacounty.gov))  
Nikki Wanger, Rock River Laboratory, Inc ([Nikki.Wagner@Rockriverlab.com](mailto:Nikki.Wagner@Rockriverlab.com))  
File



August 16, 2023

FILE REF: R-2023-0081  
 WPDES Permit #: WI-0063932

Kevin Griswold  
 Tag Lane Dairy Farm  
 N8812 River Valley Road  
 Ixonia, WI 53036

Subject: Days of Storage Review for Tag Lane Dairy Farm in T08N, R16E, Section 11, Ixonia Township, Jefferson County – NO ADDITIONAL ACTION REQUIRED

Dear Mr. Griswold:

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 by Andrew Horn, P.E., Outland Design on March 16, 2023 on behalf of Tag Lane Dairy Farm.

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 Tag Lane Dairy Farm has 243 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 3,129. Currently there are no plans for expansion. The liquid waste volumes are based on the NRCS spreadsheet and other estimated or calculated values. The liquid waste volumes are based upon a collection period of 365 days. Full collection of leachate and contaminated runoff is collected from the feed storage area for the 25-yr, 24-hr storm event. Full collection of contaminated runoff from the calf hutch area is also provided for the 25-yr, 24-hr storm event.

Total Liquid Waste Storage:	20,923,642 gallons
Total Solids Storage:	0 gallons
Total 25-yr, 24-hr Precipitation on Storage:	576,217 gallons
Total 25-yr, 24-hr Runoff from Feed Storage:	292,288 gallons
Total 25-yr, 24-hr Runoff from Calf Hutch Area:	58,400 gallons
Total Freeboard Volume:	1,815,084 gallons
<b>Total MOL Liquid Waste Storage:</b>	<b>18,181,653 gallons</b>

Manure, Bedding, and Parlor Wastewater:	22,012,649 gallons
Total Feed Storage Leachate:	80,000 gallons
Total Feed Storage Runoff Collected:	2,324,585 gallons
Net Precipitation on Storage Surfaces:	2,436,844 gallons
Calf Hutch Area Runoff Collected:	451,563 gallons
<b>Total Liquid Waste Stored Below the MOL:</b>	<b>27,305,641 gallons</b>

Should you have any questions, please contact Rob 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



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



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Rob Davis, P.E.  
Water Resources Engineer  
Watershed Management Program

Email: Kevin Griswold; Tag Lane Dairy Farm  
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Matt Woodrow, P.E.; DATCP  
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Andrew Horn, P.E.; Outland Design  
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Joe Strupp; Jefferson Co. Land & Water Conservation  
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Nikki Wagner; Rock River Laboratory, Inc.  
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Eric Struck; DNR, South Central Region  
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Laura Bub; DNR, South Central Region  
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Ashley Scheel; DNR, Central Office  
(608) 261-6419; ashley.scheel@wisconsin.gov

Rob Davis, P.E.; DNR, Central Office  
(608) 225-2720; Robert.Davis@Wisconsin.gov

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF AVAILABILITY OF A NUTRIENT MANAGEMENT PLAN AND INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No. WI-0063932-03-0

Permittee: Tag Lane Dairy Farm, N8812 River Valley Rd, Ixonia, WI, 53036

Facility Where Discharge Occurs: W801 Gopher Hill Road, Ixonia WI, 53036; Jefferson County WI, Town of Ixonia, SW ¼ of SW ¼ Sec. 11 T8N R16N

Receiving Water And Location: Surface water and groundwater within the **Ashippun River-Rock River Watersheds**

Brief Facility Description : Tag Lane Dairy Farm is an existing Concentrated Animal Feeding Operation (CAFO). Tag Lane Dairy Farm is owned and operated by the Griswold Family. The farm currently has 3,129 animal units. 1,900 milking & dry cows, 560 heifers, and 390 calves). Tag Lane Dairy Farm has a total of 3,080.3 acres available for land application of manure and process wastewater. Of this acreage, 308.4 acres are owned, and 2,813 acres are rented or controlled through manure agreements. Tag Lane Dairy Farm has no planned expansion during the proposed permit term. Approximately 27,305,640 gallons of manure and process wastewater and 1,900 tons of solid manure in the first year of the permit term. The farm has a proposed 243 days of liquid manure storage and at least 59 days of solid manure storage.

One facility is currently covered under Tag Lane Dairy Farm WPDES Permit. The main dairy site is located at W801 Gopher Hill Road and is composed of 3 dairy freestall barns, milking parlor, calf barn, heifer barn, 1 outdoor calf hutch area with runoff collection, feed storage area, 3 waste storage facilities and a sand separation facility. Tag Lane Dairy Farm has submitted an application for reissuance of their Wisconsin Pollutant Discharge Elimination System (WPDES) permit. The application is complete, and the facility has been determined to be in substantial compliance. This will be the second permit reissuance for this facility. Tag Lane Dairy Farm has an approved Nutrient Management Plan (NMP) that is written according to WPDES permit and Chapter NR 243 Wis. Adm. Code requirements. Tag Lane Dairy Farm was also found to have at least 180 days of liquid manure storage.

The Department has tentatively decided that the above specified WPDES permit should be reissued.

Permit Drafter's Name, Address, Phone and Email: Eric Struck, DNR, 141 NW Bartow Street, Waukesha, WI, 53188-3789, (608) 422-1512, [Eric.Struck@wisconsin.gov](mailto:Eric.Struck@wisconsin.gov)

Persons wishing to comment on or object to the proposed permit action, the terms of the nutrient management plan, or the application, or to request a public informational hearing may write to the Department of Natural Resources at the permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is re-issued. Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be re-issued as proposed.

The Department may schedule a public informational hearing if within 30 days of the public date of this notice, a request for a hearing is filed by any person. The Department shall schedule a public informational hearing if a petition requesting a hearing is received from USEPA or from 5 or more persons or if the Department determines there is significant public interest. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit and fact sheet (if required), the operation's nutrient management plan and application may be inspected and copied at the permit drafter's office, Monday through Friday (except holidays), between 9:00 a.m. and 3:30 p.m. Please call the permit drafter for directions to their office location, if necessary. Information on this permit action may also be obtained by calling the permit drafter at (608) 422-1512 or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice and fact sheet. Permit information is also available on the internet at: <http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

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Date Notice Issued: **Enter Date Notice Issued**