

Permit Fact Sheet

General Information

Permit Number:	WI-0063118-04-0
Permittee Name:	Plainview Stock Farm Inc
Address:	N5875 Hwy E
City/State/Zip:	Albany WI 53502
Discharge Location:	Main Farm: W1202 HWY 59, Albany, WI 53502 – NW ¼ Section 22 T3N R9E Detra Farm: N6175 HWY E, Albany, WI 53502 – SW ¼ of the SE ¼ Section 16 T3N R9E
Receiving Water:	Unnamed tributary to Marsh Creek within the Sylvester Creek-Sugar River Watershed and to the Sugar River within the Story Creek-Sugar River Watershed, and groundwaters of the state
Discharge Type:	Existing

Animal Units					
Animal Type	Current AU		Proposed AU (Note: If all zeroes, expansions are not expected during permit term)		
	Mixed	Individual	Mixed	Individual	Date of Proposed Expansion
Heifers (400 lbs. to 800 lbs.)	630	1050	0	0	
Steers or Cows (400 lbs. to market)	200	200	0	0	
Beef Calves (under 400 lbs.)	8	0	0	0	
Total	838	1050	0	0	

Facility Description

Plainview Stock Farm Inc. is an existing Concentrated Animal Feeding Operation (CAFO). Plainview Stock Farm Inc. is owned and operated by Trent Blumer. The farm currently has 1,250 animal units (1,250 heifers and 40 calves). Plainview Stock Farm Inc. has a total of 1,582.7 acres (741.2 owned and 842.3 controlled through manure agreements) of which 1,566 are spreadable acres. Plainview Stock Farm Inc. has no large expansions planned during the proposed permit term. Approximately 6,500,000 gallons of manure and process wastewater and 1,080 tons of solid manure is predicted to be generated in the first year of the permit term. The farm has approximately 284 days of liquid manure storage and at least 59 days of solid manure storage.

Two facilities are currently covered under the Plainview Stock Farm Inc. WPDES Permit. The Main Farm is located at W1202 HWY 59, Albany, WI 53502 and is composed of one large heifer barn with underbarn waste storage facility, four small heifer barns with feedlots, and a feed storage area. The Detra Farm is located at

N6175 HWY E, Albany, WI 53502 and is composed of a large heifer barn with an underbarn waste storage facility. All production areas were inspected the day of the inspection.

Plainview Stock Farm Inc. 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 fourth permit reissuance for this facility. Plainview Stock Farm Inc. has an approved Nutrient Management Plan (NMP) that is written according to WPDES Permit and Chapter NR 243 Wisc. Admin. Code requirements. Plainview Stock Farm Inc. was also found to have at least 180 days of liquid manure storage.

Substantial Compliance Determination

Enforcement During Last Permit: During the last permit term, Plainview Stock Farm Inc. received a Notice of Noncompliance for allegedly failing to comply with their WPDES permit compliance schedule. The facility has completed all previously required actions as part of the enforcement process.

After a desk top review of all compliance schedule items and pertinent documents, and a site visit on October 30, 2023, this facility has been found to be in substantial compliance with their current permit.

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 the under-floor waste storage facility located at the Main Farm. The storage is concrete and is located beneath the heifer barn on the north end of the production area. The facility has a capacity of 4.4 million gallons and was constructed in 2001. This storage accepts manure and process wastewater from all outdoor animal lot runoff control systems, the feed storage runoff control system, and the heifer barn located above the storage. This waste storage facility was last evaluated in 2012 and met permit requirements.
002	Sample point 002 is for the under-floor waste storage facility located at the Detra Farm. This storage is concrete and is located beneath the heifer barn. The facility has a capacity of 2.2 million gallons and was constructed in 2005. This storage accepts manure and process wastewater from the heifer barn located above the storage. This waste storage facility was last evaluated in 2012 and met permit requirements.
003	Sample point 003 is for solid manure sources that are directly land applied and not stored in a waste storage facility at the Main Farm. 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.
004	Sample point 004 is for solid manure sources that are directly land applied and not stored in a waste storage facility at the Detra Farm. This includes solid sources such as calf hutch manure, maternity pen bedpack, heifer bedpack, steer manure, etc. Representative samples shall be taken for each manure source type.
005	Sample point 005 is for visual monitoring and inspection of the feed storage area and associated runoff control system located on the east side of the Main Farm. Feed storage runoff and process wastewater is directed to a 1000-gallon reception tank and is pumped to the under-floor waste storage facility. The system was constructed in 2005. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to the monitoring

Sample Point Designation For Animal Waste	
Sample Point Number	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
	and inspection program. Plans and Specifications for the feed storage area and runoff control system shall be submitted according to the Schedules section of the permit.
006	Sample point 006 is for visual monitoring and inspection of the western concrete feed lots and associated runoff control system located at the Main farm. Feedlot runoff drains to a 30,000-gallon concrete reception tank. Contents of the reception tank are pumped to the under-floor waste storage facility. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to the monitoring and inspection program. The runoff control system was last evaluated in 2012 and met permit requirements.
007	Sample point 007 is for visual monitoring and inspection of the eastern concrete feed lots and associated runoff control system located at the Main farm. Feedlot runoff drains to a 48,000-gallon concrete reception tank. Contents of the reception tank are pumped to the under-floor waste storage facility. Proper operation and maintenance is required to ensure discharges meet permit requirements. Weekly inspections are required and shall be recorded according to the monitoring and inspection program. The runoff control system was last evaluated in 2012 and met permit requirements.
008	Sample point 008 is for visual monitoring and inspection of all production site stormwater conveyance systems. This includes roof gutter and downspout structures, drainage tile systems, grassed waterways and other diversion systems that transport uncontaminated stormwater. 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.

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 284 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 with 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 1,250 animal units (1,250 heifers, and 40 calves), it is estimated that approximately 6,500,000 gallons of manure and process wastewater and 1,080 tons of solid manure will be produced per year. The permittee owns approximately 741.2 acres of cropland and rents about 842.3 acres. Given the rotation commonly used by the permittee, 1,566 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. Beginning 11/1/2024, 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- Main Farm Manure Storage; 002- Detra Farm Manure Storage

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

N/A

1.1.2 Explanation of Operation and Management Requirements

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

Sample Point Number: 003- Main Farm Solid Manure; 004- Detra Farm 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	

1.1.3 Changes from Previous Permit

N/A

1.1.4 Explanation of Operation and Management Requirements

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

Sample Point Number: 005- Main Farm Feed Storage; 006- West Lot Runoff Controls; 007- East Lot Runoff Controls, and 008- Stormwater Runoff Control

1.1.5 Changes from Previous Permit

Sample points 005 – Main Farm Feed Storage and 008 – Stormwater Runoff Control were edited to include a more accurate description of the facilities and current operations.

1.1.6 Explanation of Operation and Management Requirements

There is no required sampling for the runoff controls. Rather, there is a required inspection and routine maintenance that should be recorded on a monitoring and inspection form or calendar. A copy of the inspection records shall be submitted with the Annual Report.

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.	12/01/2024

2.2 Monitoring & Inspection Program

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

Required Action	Due Date
Proposed Monitoring and Inspection Program: Consistent with the Monitoring and Sampling Requirements subsection, the permittee shall submit a proposed monitoring and inspection program within 30 days of the effective date of this permit.	12/01/2024

2.3 Annual Reports

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

Required Action	Due Date
Submit Annual Report #1: To include monitoring and inspection results from the previous 12 months, consistent with the requirements of department form 3400-025E.	01/31/2025
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: Continue to submit Annual Reports until permit reissuance has been completed.	

2.4 Nutrient Management Plan

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

Required Action	Due Date
Management Plan Submittal: Submit any necessary updates to the Nutrient Management Plan to meet the conditions outlined in this permit (see conditions in the Livestock Operational and Sampling Requirements section).	
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.	03/31/2025
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	03/31/2026

3400-025D.	
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.	03/31/2027
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 3400-025D.	03/31/2028
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.	03/31/2029
Ongoing Management Plan Annual Updates: Continue to submit Annual Updates to the Nutrient Management Plan until permit reissuance has been completed.	

2.5 Feed Storage - Plans and Specifications

Required Action	Due Date
Plans and Specifications: Submit plans and specifications for Department review and approval to permanently correct any adverse conditions identified as part of the engineering evaluation for the feed storage area in accordance with Chapter 281.41, Wis. Stats., and Chapter NR 243, Wis. Adm. Code.	03/31/2025
Corrections and Post Construction Documentation: Complete construction of improvements to permanently correct any adverse conditions in concurrence with and approval by the Department, by the specified Date Due. Submit post construction documentation within 60 days of completion of the project.	10/31/2025

2.6 Submit Permit Reissuance Application

Required Action	Due Date
Reissuance Application: Submit a complete permit reissuance application 180 days prior to permit expiration.	05/04/2029

2.7 Explanation of Schedules

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

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

Schedule section 2.5 is being required as the construction of runoff controls for feed storage areas require DNR staff review and approval to ensure the design and construction of the facility meets permit discharge limitations.

Special Reporting Requirements

N/A

Other Comments:

None

Attachments:

Inspection Report with Maps

Nutrient Management Plan Approval Letter

Days of Storage Approval Letter

Public Notice

Expiration Date:

10/31/2029

Justification Of Any Waivers From Permit Application Requirements

N/A

Prepared By: Josie Hanrahan Agricultural Runoff Management Specialist

Date: 8/28/2024



November 9, 2023

Trent Blumer
Plainview Stock Farm Inc.
N5875 Highway E
Albany, WI 53502

Subject: Site Inspection Summary Letter

Dear Mr. Blumer:

On October 30, 2023, the Department of Natural Resources conducted a permit reissuance inspection for Plainview Stock Farm Inc. in Albany, Green County. A site inspection report including photographs of your sites is attached for your review and convenience. The department has noted an action item on page 19 to be completed in the enclosed report.

The current permit for Plainview Stock Farm Inc. expires on May 31, 2024. A complete permit reissuance application needs to be submitted to the e-Permitting system by November 30, 2023. Materials needed for a complete permit application are listed below.

1. Livestock/Poultry Operation WPDES Permit Application Form 3400-025
2. Animal Unit Calculation Worksheet Form 3400-025A
3. Nutrient Management Plan Checklist 3400-025B
4. Reviewable Facilities of Systems Checklist
5. Soil survey maps for each site managed by your operation
6. Labeled aerial maps showing the features and structures located at each site managed by your operation (clearly delineate what is existing and proposed)
7. Calculations documenting a minimum of 180 days liquid manure (and process wastewater) storage
8. Supporting documentation for 180-day storage calculations
9. 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)
10. Environmental Analysis Questionnaire

If you have additional questions regarding the inspection report or the permitting process, please contact me at josie.hanrahan@wisconsin.gov or (608)598-0026.

Sincerely,

Josie Hanrahan
Agricultural Runoff Management Specialist

ecc: Laura Bub, Bethani Chambers, Falon French; WDNR
Scott Petges; Petges Ag Services
Robert Pofahl; REA Inc.
Todd Jenson; Green County

CAFO Compliance Report



Inspection Date: October 30, 2023

Inspection Type: Reissuance Inspection

Operation Name: Plainview Stock Farm INC

WPDES Permit No. WI-0063118-03-0

Operation Address:

Main Farm – N1202 Highway 59, Albany, WI

Detra Farm – N6175 Highway E, Albany, WI

On-Site Representative(s): Trent Blumer - Authorized Representative

Scott Petges – Petges Ag Services

DNR Staff / Report Writer: Josie Hanrahan, Bethani Chambers Agricultural Runoff Management Specialist

On October 30, 2023 Hanrahan and Chambers met with Trent Blumer (Authorized Representative) and Scott Petges to conduct a reissuance inspection of Plainview Stock Farm. Inspections were conducted at all sites currently covered under the WPDES Permit: Main Farm, Detra Farm. Precipitation had fallen 24 hours prior to the inspection, conditions during the inspection were cold and dry. An application for reissuance is due November 30, 2023. Follow up to this inspection is requested on page 19.

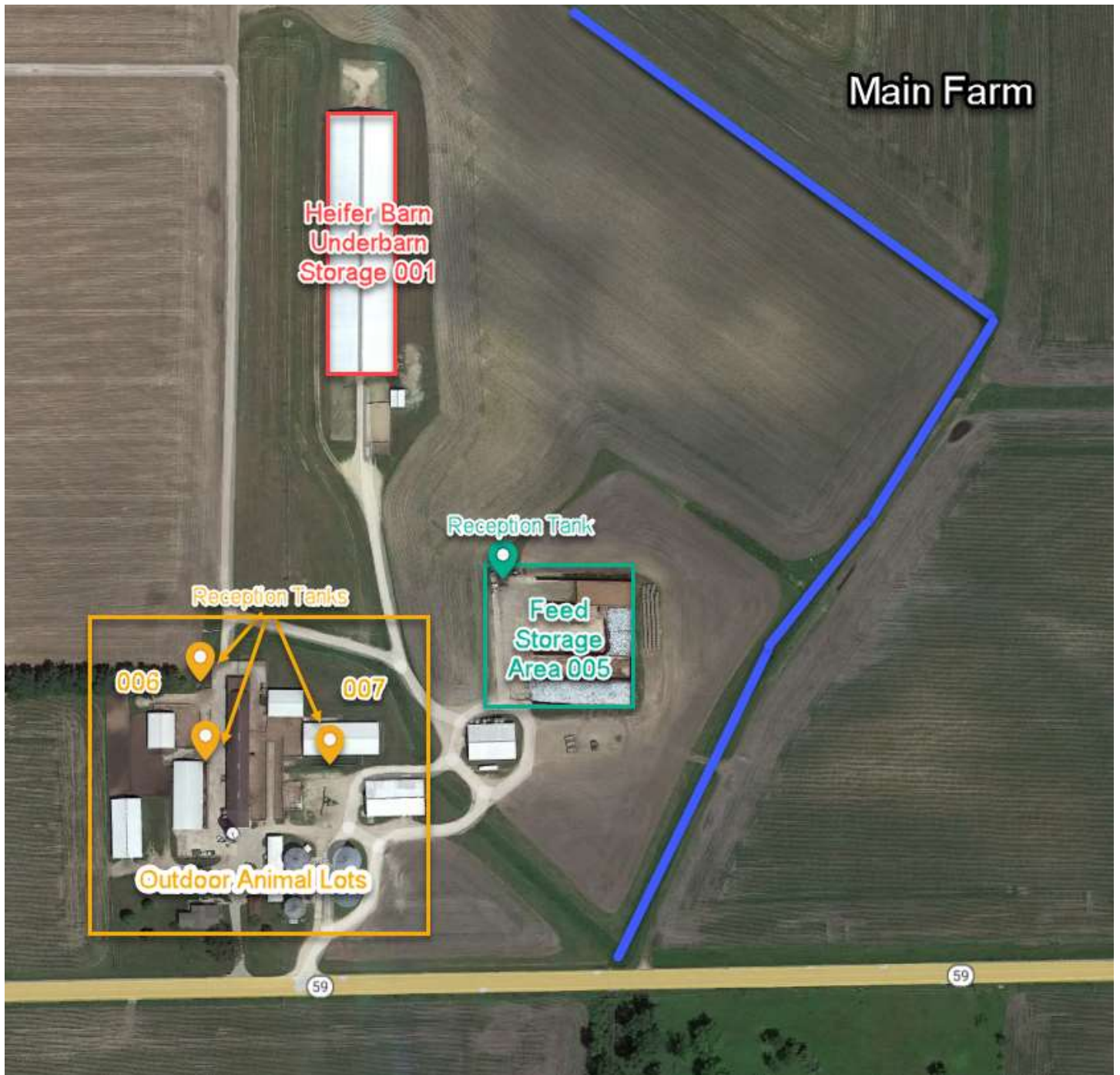


Figure 1. Aerial overview of Plainview Stock Farm: Main Farm. Sample points labeled.



Figure 2. Aerial overview of Plainview Stock Farm: Detra Farm. Sample points labeled.

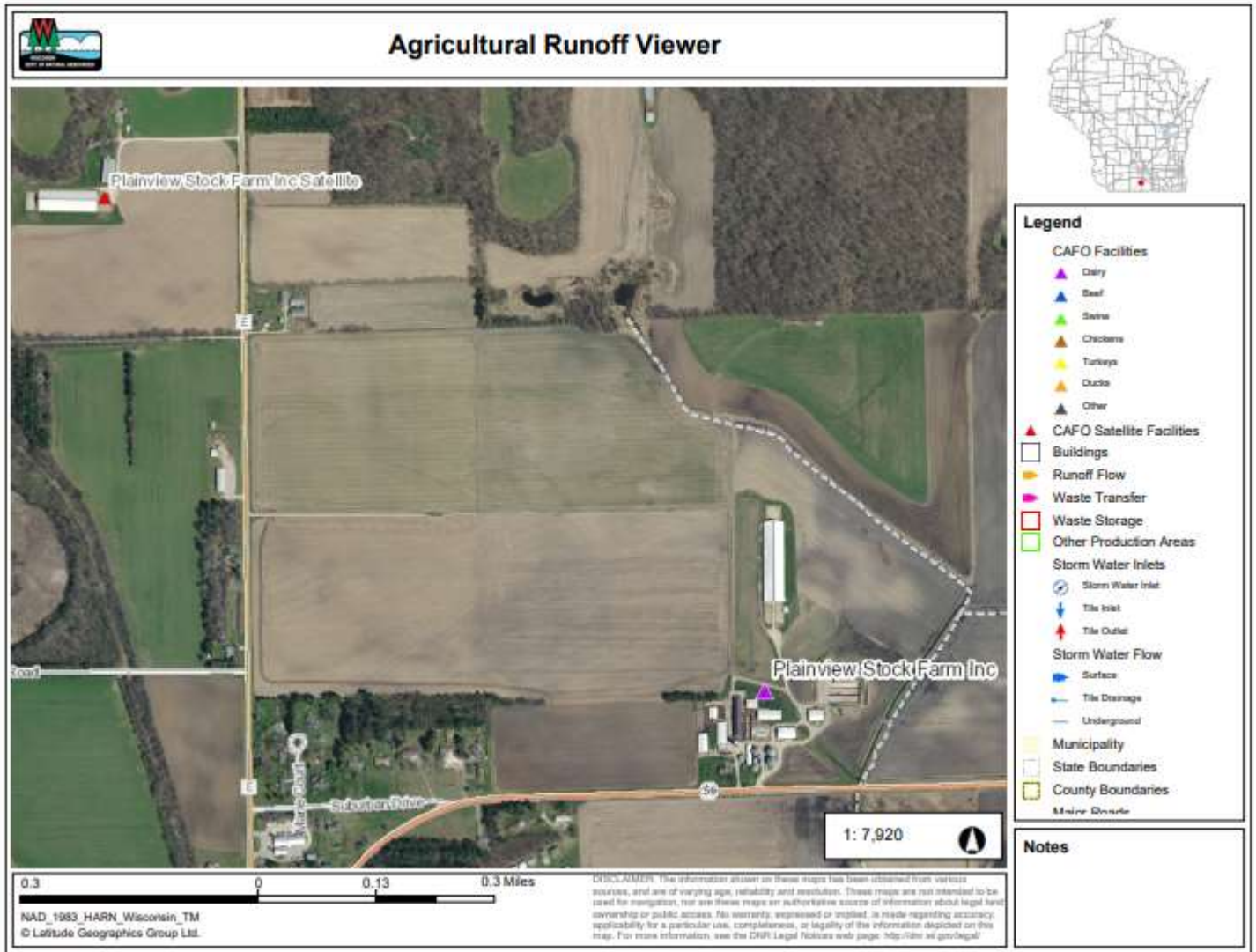


Figure 3. Aerial overview of Plainview Stock Farm sites in relation to surface water features. Yellow areas represent designated wetlands.

SITE OBSERVATIONS

Feedlot Runoff

Plainview Stock Farm utilizes 3 concrete outdoor feedlot areas at the Main Farm. Lots are located to the west of the heifer barn. Runoff from the lots drain towards a reception tank, which is then pumped to permanent storage, under floor storage WSF 1.

The farm is considering abandonment for these lots in the next permit term, an abandonment plan would need to be submitted to the department for the abandonment of the reception tanks and transfer lines.

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.



Photo #:	001
Date/ Time:	10/30/2023/ 1:24 PM
Photo Location:	Main Farm
Photo By:	Bethani Chambers

Photo Description: View of southwestern outdoor feedlot. Gutters were observed on adjacent roof, used to divert rainwater.

Photo Direction: NW



Photo #:	002
Date/ Time:	10/30/2023/ 1:27 PM
Photo Location:	Main Farm
Photo By:	Bethani Chambers

Photo Description: View of northwestern outdoor feedlot. Gutters were observed on adjacent roof, used to divert rainwater.

Photo Direction: NW



Photo #:	003	Photo Description: View of eastern outdoor feedlot. Gutters were observed on adjacent roof to divert rainwater. Photo Direction: N
Date/ Time:	10/30/2023/ 1:31 PM	
Photo Location:	Main Farm	
Photo By:	Bethani Chambers	

Waste Storage Facilities

Manure and process wastewater are stored in two permitted under barn floor storage waste storage facilities, located at the Main Farm and Detra Farm respectively. Four reception tanks are used for the temporary storage and transfer of manure and process wastewater.

Main Farm:

- The Main Farm WSF 1 is an under-floor storage and was constructed in 2001. The barn floors are slated to pass animal waste into the storage. This storage was last evaluated in 2012 and met permit requirements. Waste from the 3 animal lot reception tanks and 1 FSA reception tank is transferred to this storage. Pit measurements are conducted using a designated measuring tool.

Detra Farm:

- The Detra Farm WSF 2 is an under-floor storage and was constructed in 2006. The barn floors are slated to pass animal waste into the storage.

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



Photo #:	004
Date/ Time:	10/30/2023/ 1:247 PM
Photo Location:	Main Farm
Photo By:	Bethani Chambers

Photo Description: Reception tank adjacent to the southwestern lot. Waste is transferred to WSF 1.
Photo Direction: NW



Photo #:	005
Date/ Time:	10/30/2023/ 1:33 PM
Photo Location:	Main Farm
Photo By:	Bethani Chambers

Photo Description: Reception tank adjacent to the eastern lot. Waste is transferred to WSF 1.

Photo Direction: NW



Photo #:	006
Date/ Time:	10/30/2023/ 1:40 PM
Photo Location:	Main Farm
Photo By:	Bethani Chambers

Photo Description: View of the animal barn with slated floor, under floor storage WSF 1 is located below.

Photo Direction:



Photo #:	007
Date/ Time:	10/30/2023/ 1:48 PM
Photo Location:	Main Farm
Photo By:	Bethani Chambers

Photo Description: View of outdoor reception tank, lid is due to be replaced.

Photo Direction: SW

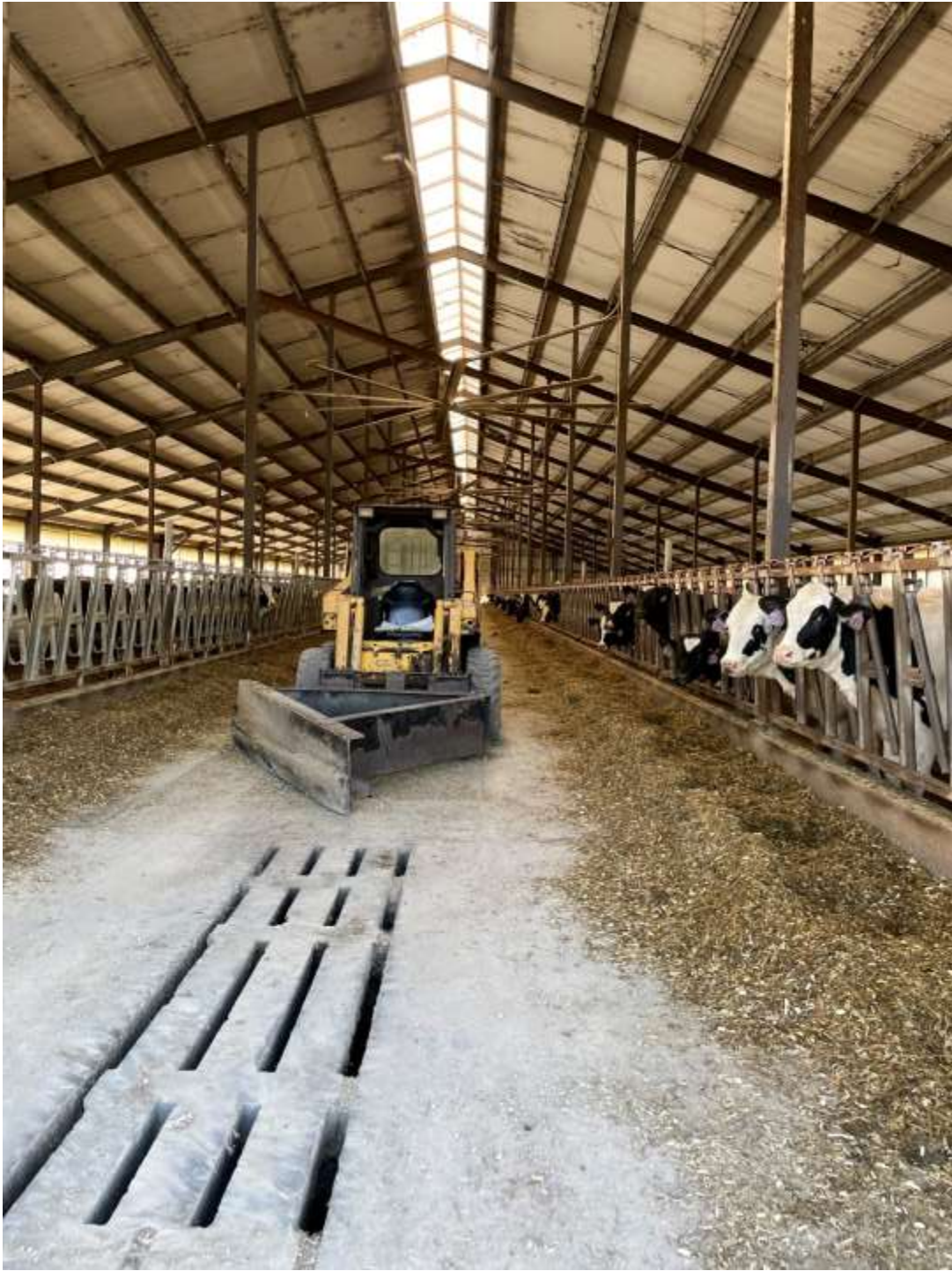


Photo #:	008
Date/ Time:	10/30/2023/ 3:22 PM
Photo Location:	Detra Farm
Photo By:	Bethani Chambers

Photo Description: View of animal barn with slated floor at the Detra Farm. Underfloor storage WSF 2 is located below.

Photo Direction: W



Photo #:	009	Photo Description: Measuring stick used to record pit depths for WSF 1 and WSF 2. Photo Direction: SW
Date/ Time:	10/30/2023/ 3:22 PM	
Photo Location:	Detra Farm	
Photo By:	Josie Hanrahan	

Feed Storage Area Runoff

All feed is stored on a designated concrete pad and bunker system and covered with plastic at the Main Farm. Runoff from the feed storage area is conveyed to the northwest corner of the feed storage area and into a reception tank. Total volume runoff is collected and transferred to WSF 1. Permit schedule item 2.5 Feed Storage Runoff Control System – Engineering Evaluation is under review by the department. At this time a determination is still pending.

Some burnout vegetation was observed to by the north wall of the FSA, likely due to residuals on the tires used to on the plastic feed covers. Follow up action has been requested before. The department recommends that the farm continue monitoring this area for any potential wall or floor failures to prevent any unlawful discharges.

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.



Photo #:	010
Date/ Time:	10/30/2023/ 1:52 PM
Photo Location:	Main Farm
Photo By:	Bethani Chambers

Photo Description: Overview of the FSA at the Main Farm.

Photo Direction: SE



Photo #:	011
Date/ Time:	10/30/2023/ 1:52 PM
Photo Location:	Main Farm
Photo By:	Bethani Chambers

Photo Description: View of collection area for the FSA runoff controls. Slight flow was observed during the inspection.

Photo Direction: NW



Photo #:	012
Date/ Time:	10/30/2023/ 2:01 PM
Photo Location:	Main Farm
Photo By:	Josie Hanrahan

Photo Description: Crack present in FSA bunker wall.
Repair may be needed.

Photo Direction: W



Photo #:	013	Photo Description: Leachate observed near tire pile adjacent to the FSA. Photo Direction: SE
Date/ Time:	10/30/2023/ 2:02 PM	
Photo Location:	Main Farm	
Photo By:	Josie Hanrahan	

Animal Mortality Disposal

Mortalities are kept in a designated area prior to pick up by a rendering facility. Animal mortalities are managed to not have current or past indicators of discharges.

Ancillary Service Areas

Barn gutters are on placed on several buildings, driveways and walkways appeared to be maintained to prevent contamination of clean water from manure.

Outdoor areas adjacent to the barns used for temporary holding during barn clean out do not appear to have runoff issues. The department recommends that the farm continue monitoring those areas, specifically during the winter months to prevent any unlawful discharges. 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.).



Photo #:	014
Date/ Time:	10/30/2023/ 3:21 PM
Photo Location:	Detra Farm
Photo By:	Bethani Chambers

Photo Description: Outdoor area used for the temporary holding of animals during barn cleaning, at the Detra Farm.

Photo Direction: SW

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 on site, a monitoring and inspection plan was provided to the farm.

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

All records were provided on site Plainview Stock Farm utilizes the CAFO calendar to keep track of inspections and pit levels are recorded weekly.

SUMMARY

Areas of Concern

- The FSA has the potential for an unauthorized discharge.

Permit Noncompliance

None

Action Items

- By **11/31/2023** the department requests that the farm clean up and berm off the area around the tire pile adjacent to the FSA. The farm should continue to monitor this area for leachate.
 - Photo documentation for the completed work can be sent via email. Staff may return on site to verify the work.

Items for Next Permit Term

Potential abandonment of the outdoor feedlots at the Main Farm.

Materials Required as part of the Permit Application

Required materials must be submitted together as a complete permit application through the ePermitting System: <http://dnr.wi.gov/permits/water/>. The system will not allow you to electronically sign and submit your application until all of the following are included:

- 3400-025 form (Livestock/Poultry Operation WPDES Permit Application)
- 3400-025A form (Animal Units Calculation Worksheet)
- 3400-025G form (Evaluated Facilities of Systems Checklist)
- 3400-025C form (Reviewable Facilities of Systems Checklist)
- A soil survey map of the dairy's production area
- A labeled aerial map showing the existing and proposed features and structures of the dairy's production area
- Calculations documenting days liquid manure and process wastewater storage
- Supporting documentation for days storage calculations
- A complete 5-year Nutrient Management Plan (NMP). If necessary, include a description of permanent spray irrigation systems and any other landspreading or treatment systems (proposed or active)
- Plans and specifications for any proposed facilities
- Environmental Analysis Questionnaire



June 10, 2024

Green County
Approval

Trent Blumer
Plainview Stock Farm Inc.
N5875 Hwy E
Albany, WI 53502

SUBJECT: Conditional Approval of Plainview Stock Farm Inc. Nutrient Management Plan, WPDES Permit No. 0063118-04-0

Dear Mr. Blumer:

After completing a review of Plainview Stock Farm Inc. 2024-2028 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 Plainview Stock Farm Inc. 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 Plainview Stock Farm Inc. 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 Plainview Stock Farm Inc. 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 1,250 animal units (1,250 heifers, and 40 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 6,500,000 gallons of manure and process wastewater and 1,080 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 Plainview Stock Farm Inc. currently has 1,582.7 acres (741.2 owned and 842.3 controlled through contracts, rental agreements or leases, or under manure agreements) of which 1,566 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 Allen Creek (listed 303(d) impaired water by ‘Total Phosphorus’) and Sugar River (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 Allen Creek, Sugar River, and Norwegian Creek.
8. That 11 fields are tiled.

- | | | |
|----------|----------|--------|
| - Bill10 | - Bill11 | - H02B |
| - H03 | - H04 | - H05 |
| - H07A | - H08 | - H09 |
| - H10 | - Pete1 | |

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 2024-2028 Plainview Stock Farm Inc. 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. 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.
3. All liquid manure samples collected may be analyzed, at a minimum, for percent dry matter, total nitrogen, percent NH₄-N, percent NO₃-N, phosphorus, potassium, and sulfur.
4. If manure sample results have a dry matter (DM) content less than 2.0% and the percent ammonium (NH₄⁺) is greater than 75% of the total N, Plainview Stock Farm Inc. may use the following equation to adjust the first year available nitrogen when applications are injected or incorporated within 1 hour:

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

5. Plainview Stock Farm Inc. shall record daily manure applications by using form 3200-123A. These forms shall be retained at the farm and provided to the department upon request.
6. Plainview Stock Farm Inc. shall annually submit a spreading report that summarizes the land application activities listed under NR 243.19(3)(c)5., Wis. Adm. Code by using form 3200-123.

WINTER SPREADING

7. Liquid manure applications during winter conditions, as defined by NR 243.14(7), Wis. Adm. Code, are prohibited with the exception of emergency applications.
8. The following field(s) are approved for winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:
- | | | |
|----------|---------|------------|
| - H02A | - H02B | - D1 |
| - C1 | - C2 | - PAV01 |
| - Pete01 | - Bob05 | - Bob08-10 |
9. The following field(s) are denied for winter spreading solid manure, emergency applications of liquid manure and frozen liquid manure:
- | | | |
|---------------------------|-----------------|--------------|
| - H07A (not enough acres) | - H07B (no map) | - R5(no map) |
| - Bob06 (no map) | | |
10. Winter spreading of solid and liquid manure may not occur during the “high risk runoff period” pursuant to s. NR 243.14(6)(c) and NR 243.14(7)(c), respectively.
11. Winter applications of liquid manure shall only occur under emergency situations, after notifying the Department and receiving verbal approval.
12. Liquid applications shall be limited to 3,500 gallons per acre or 30 lbs. P per acre, whichever is less, on slopes 2-6% and 7,000 gallons per acre or 60 lbs. P per acre, whichever is less, on slopes 0-2%. Winter applications of solid manure shall be limited to 60 lbs. P per acre.

HEADLAND STACKING

13. No headland stacking sites are approved.

MANURE & PROCESS WASTEWATER IRRIGATION

14. Irrigation of manure or process wastewater is prohibited.

SUBMITAL AND RECORDKEEPING REQUIREMENTS

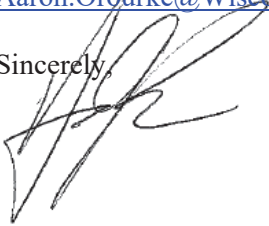
15. A copy of this conditional approval shall be included in all future annual Nutrient Management Plan Updates in addition to the NR 243 and NRCS 590 checklists.
16. Several fields in the NMP are mapped as having ‘r’ soils (less than 2ft to bedrock). These fields were said to have been field verified by the farm, however no documentation exists. Plainview Stock Farm Inc. must have evidence of field verification is manure and process wastewater applications are to take place on those areas. Please field verify these fields and submit that verification with the NMP update on March 31st, 2025. Until then, ‘r’ soils cannot be applied on.

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 715-214-5503 or Aaron.Orourke@Wisconsin.gov.

Sincerely,

A handwritten signature in black ink, appearing to be 'AORourke', written over a light blue horizontal line.

Aaron O'Rourke
WDNR Nutrient Management Program Coordinator
Wisconsin Department of Natural Resources

cc: Josie Hanrahan, WDNR Agricultural Runoff Specialist (Josie.Hanrahan@Wisconsin.gov)
Laura Bub, WDNR Watershed Field Supervisor (Laura.Bub@Wisconsin.gov)
Chris Clayton, WDNR Ag Runoff Section Chief (Christopherr.Clayton@Wisconsin.gov)
Ashley Scheel, WDNR CAFO NMP Reviewer (Ashley.Scheel@Wisconsin.gov)
Falon French, WDNR Intake Specialist (Falon.French@Wisconsin.gov)
Tonya Gratz, Green County (tonya.gratz@wi.nacdnet.net)
Scott Petges, Petges Ag Services (petgesag@gmail.com)
File



June 17, 2024

FILE REF: R-2024-0100
 WPDES Permit #: WI-0063118

Trent Blumer
 Plainview Stock Farm
 N5875 Hwy E
 Albany, WI 53502

Subject: Days of Storage Review for Plainview Stock Farm in T03N, R09E, Section 22, Albany Township, Green County – NO ADDITIONAL ACTION REQUIRED

Dear Mr. Blumer:

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 Scott Petges, Petges Ag Services on March 12, 2024 with revisions through June 11, 2024 on behalf of Plainview Stock 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 Plainview Stock Farm has 284 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 1,250 (non-mixed). There is currently no expansion planned for the site. 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. There is full collection of runoff from the feedlot for the 25-yr, 24-hr storm. The feed storage runoff collection system pumps leachate and approximately 65% of the runoff (approximately 3 inches) from the 25-yr, 24-hr storm from the feed storage area to long term storage.

Waste Storage	Total Volume	Solids Storage	25-yr, 24-hr Precipitation on Storage	25-yr, 24-hr Collected Runoff	Freeboard Volume	Max. Operating Level (MOL) Volume
#1	4,325,961	369,740	0	164,043	369,740	3,422,438
#2	2,052,721	0	0	0	266,587	1,786,134
#3	55,292	7,181	0	0	7,181	40,930
Total MOL Vol:						5,249,502
Days of Storage:						284

Manure and Bedding – Main Farm:	3,337,396 gallons
Manure and Bedding – Detra Farm:	1,965,744 gallons
Total Feed Storage Leachate:	44,880 gallons
Total Feed Storage Runoff Collected:	986,405 gallons
Total Feedlot Runoff Collected:	403,853 gallons
Net Precipitation on Storage Surfaces:	0 gallons
Total Liquid Waste Stored Below the MOL:	6,738,278 gallons

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



Chris Clayton
Agricultural Runoff Section Manager
Watershed Management Program



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

Email: Trent Blumer; Plainview Stock Farm
(608) 558-8688; blumer@wekz.net

Josie Hanrahan; DNR, South Central Region
(608) 598-0026; josie.hanrahan@wisconsin.gov

Todd Jenson; County Conservationist Green County
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Laura Bub; DNR, South Central Region
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Matt Woodrow, P.E.; DATCP
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Aaron O'Rourke; DNR, Eau Claire
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Scott Petges; Petges Ag Services
(262) 707-2646; petgesag@gmail.com

Rob Davis, P.E.; DNR, Central Office
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