Agricultural Livestock Operation Permit Application

General Information

Applications are completed in a series of steps. Please complete the fields below and then press **Next** . You will then be able to **Complete** required forms, **Attach** project documentation, **Include** your digital signature, and **Submit** your application to the DNR.

Basic Permit Info

NOTE: Missing or incomplete fields are highlighted on the application and at the bottom of each page. Once all required fields are completed you may navigate away from that page. After navigating away from a page, you may return to it to make changes.

Project Name	(Required: Project will be saved to system using this name) Cumberland LLC
Permit Action	Permit Application
Activity	3400-appfinal
Facility County	Burnett
Facility Name	CUMBERLAND LLC
Facility Number	65649

Final Issuance Application

Fill out the project and facility information above and press Next. Fill out all displayed forms.

- Please reference: How to Apply for a First Time WPDES Permit .
- Fill out the application Form 3400-25 (Livestock /Poultry Operations)
- Instructions for Form 3400-25
- Fill out Form 3400-25A (Animal Units Calculation Worksheet)
- Instructions for Form 3400-25A
- Fill out Form 3400-25B Nutrient Management Plan Checklist.
- Fill out Form 3400-25C Reviewable Facilities and Systems Checklist.
- Attach files for Nutrient Management Plan, Plans and Specifications, SNAP plus files, Plans and Specifications/Evaluations, Liquid waste Storage volume Calculation Worksheet (180-days liquid manure storage volume calculations or equivalent) and supporting documentation for 180-day liquid manure storage volume calculations, maps showing the features and structures at each site, and Environmental Analysis Questionnaire (if required).
- Electronically Sign and Submit form

State of Wisconsin
Department of Natural Resources
PO Box 7185, Madison, WI 53707-7185
dnr.wi.gov

Livestock/Poultry Operation WPDES Permit Application

Notice: Pursuant to ch. NR 243, Wis. Adm. Code and s. 283.53(3), Wis. Stats., this Wisconsin Pollutant Discharge Elimination System (WPDES) form is required by the Department of Natural Resources (DNR) to be submitted, along with Form 3400-025A and all other required application materials, by the owner or operator of a Concentrated Animal Feeding Operation (CAFO). The Department will not consider your application complete unless you complete and submit this application form. Penalties for failure to submit a completed application are established in ss. 283.89 and 283.91, Wis. Stats. [Section 283.91(4), Wis. Stats., provides that: Any person who knowingly makes any false statement, representation or certification in this application shall upon conviction be punished by a fine of not more than $10,000 or by imprisonment for not more than 6 months or both.] Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's open records law [ss. 19.31-19.39, Wis. Stats.].

Section I. Contact Information

Legal Name for Permit Issuance & Operator Contact Information

Legal name of the operation to which the permit will be issued or Legal Name of the Parent Company (if different from the operation)

CUMBERLAND LLC

Name of Operator or Manager (First) (Last)	Title

Jeff	Sauer	MEMBER

Mailing Address - Street, Route or Box	City / Town	State	Zip Code
21071 MELO DRIVE	GRANTSBURG	WI	54840

Phone Number (incl. area code)	Cell Phone Number	Fax Number (incl. area code)	E-mail Address
715-566-0803 x	715-566-0803		ericmelin44@gmail.com

Parent Company Owner Information Status: ☐ Select if same as Operator

Name of Parent Company / Owner (if different from operator above)

CUMBERLAND LLC

Contact Person (First)	(Last)	Title
JEFFREY	SAUER	MEMBER

Mailing Address - Street, Route or Box	City /Town	State	Zip Code
P.O. BOX 106	THORP	WI	54771

Phone Number (incl. area code)	Cell Phone Number	Fax Number (incl. area code)	E-mail Address
715-773-1976 x	715-773-1976		jeffsauer2@gmail.com

Crop Consultant

Name of Crop Consultant (First, Last)		Company	Title
SAM	GUYER	GREENER ACRES AG	

Mailing Address - Street, Route or Box	City / Town	State	Zip Code
P.O. BOX 267	COLFAX	WI	54730

Phone Number (incl. area code)	Cell Phone Number	Fax Number (incl. area code)	E-mail Address
715-383-6993 x			sam.guyer@greeneracresag.com

Design Engineer

Name of Design Engineer (First, Last)		Company	Title
ERIK	LIETZ	OAKRIDGE ENGINEERING	P E

Mailing Address - Street, Route or Box	City / Town	State	Zip Code
877 GAYLORD AVENUE	MONDOVI	WI	54755

Phone Number (incl. area code)	Cell Phone Number	Fax Number (incl. area code)	E-mail Address
715-926-1110 x	715-514-9393		erik@oakridgeeng.com

Section II: Site Information *(Must be completed for each site.)*

This operation uses the site for (check all that apply):

- [x] Animal housing
- [x] Manure storage
- [x] Feed storage

INSTRUCTIONS: Read the attached instructions before entering the site description information. A separate Site Information section must be filled out for the main site and any other site(s) which are owned or operated by your farm for the purpose of housing animals, storing manure, or storing feed associated with your operation. Remember a site map and Current/Projected AU Calculation Worksheet(s) must also be included with each Site Information section.

Name & Physical Location of Operation

Name of Farm/Operation (Site Name): Steadfast Farms

Location Address:	City:	State:	Zip:
12884 STATE ROAD 48	GRANTSBURG	WI	54840

County		Township:		Range:		Section:	Q:	QQ:
7	○ City ◉ Town ○ Village TRADE LAKE;T	37	N	18	○ E ◉ W	07	SE	NW

Current/Projected Animal Units & Expansion Dates

1. Use the Current AU Calculations Worksheet (Form 3400-025A) to calculate the total number of animal units presently held in confinement or feeding facilities for more than 45 days in a 12 month period at this site. Attach the corresponding Current AU Calculations Worksheet to this Site Description section.

- [ ] Check here if there are no animals housed at this site for more than 45 days in a 12 month period.

2. Use the Projected AU Calculations Worksheet (Form 3400-025A) to determine the proposed number of animal units that will be held in confinement or feeding facilities for more than 45 days in a 12 month period at this site within the next five years. Attach the corresponding Projected AU Calculations Worksheet to this Site Description section.

- [x] Check here if there is no proposed expansion(s) at this site within the next five years.

3. List the date of proposed expansion(s) (i.e. increase in animals, constructing new structures, modifying existing structures) at this site within the next five years (MM/YY). These dates should correlate with the information provided for the proposed structures and systems listed in the tables below and the projected animal numbers provided on the Projected AU Calculations Worksheet:

Expansion 1: Expansion 2: Expansion 3: Expansion 4: Expansion 5 :

- [x] Check here if your expansions(s) will disturb one (1) acre or more of soil.

Types of Manure Storage/Composting Facilities/Wastewater Storage/Treatment Facilities

List all **existing** and **proposed** manure storage, composting facilities, process wastewater storage, and treatment facilities located at this site. These may include earthen, earthen with a concrete floor, synthetically lined, concrete, steel above ground tank, below ground storage tank, anaerobic lagoon, roofed storage shed, under-floor storage, stacking slab (clay or concrete), unconfined manure stack, etc. Identify the type of waste(s) (e.g. solid manure, liquid manure, feed storage runoff or lot runoff, process wastewater, septic waste, digester, etc.) that is stored and the date the storage was built or the proposed date of construction. Specify the type of design documentation such as plans and specifications, post construction documentation, and/or an engineering evaluation you may have of the structure. If no documentation exists, indicate none in the space provided. All the existing and proposed structures must be identified on the site map associated with this description.

Waste containing Facility #	*Existing or Proposed*	*Storage Type*	*Type of Waste*	*Total Usable Volume*	*Units*	*Year Built*	*Storage Facility Design Documents*
1 - Farrowing	Proposed	Under-floor storage	Liquid manure	6,904,220	gallons		Plans and Specifications
2- Gestation	Proposed	Under-floor storage	Liquid manure	11,449,561	gallons		Plans and Specifications
3- GDU	Proposed	Under-floor storage	Liquid manure	2,460,322	gallons		Plans and Specifications

Types of Outside Animal Lots / Confinement Areas

List all **existing** and **proposed** outside animal lots/confinement areas located at this site. These may include outdoor barn yard or feedlot, housed under roof or partially housed under roof or outdoor vegetated area. This does not need to include total confinement barns. Identify the number, avg. weight, and type of animals (e.g. 50/800lbs/heifers) and whether or not there is a runoff control system associated with the lot. Types of runoff control systems may include vegetated treatment area, collection tank, roof, etc. Specify the type of design documentation such as plans and specifications, post construction documentation, and/or an engineering evaluation you may have of the area. If no documentation exists, indicate none in the space provided. All the existing and proposed outside animal lots and confinement areas must be identified on the site map associated with this description.

Confinement Area #	*Existing or Proposed*	*Outdoor Lot / Confinement Area Type*	*Number/Avg. weight(in lbs.)/Type*	*Runoff Control*	*Confinement Area Design Document*
	Select...	Select...		Select...	Select...

			Select...		

Types of Feed Storage Areas

List all **existing** and **proposed** feed storage areas located at this site. These may include upright silos, earthen/concrete bunkers, etc. Identify the type and amount of feed stored (e.g. corn silage/100 tons). Specify the type of design documentation such as plans and specifications, post construction documentation, and/or an engineering evaluation you may have of the area. If no documentation exists, indicate none in the space provided. All the existing and proposed feed storage areas must be identified on the site map associated with this description. Check the box if bags are used for feed storage

☐ Check here if bags are used for feed storage

Feed Storage Area #	*Existing or Proposed*	*Feed Storage Area Type*	*Type & Amount of Feed Stored*	*Runoff Control*	*Feed Storage Area Documentation*
Silo A	Proposed	Silo	GRAIN 250 TONS	No	None

Types of Runoff Control Systems

List all **existing** and **proposed** runoff control systems located at this site. These may include vegetated treatment area, collection tank, roof, etc. Identify the associated outdoor lot, confinement area, or feed storage. Specify the type of design documentation such as plans and specifications, post construction documentation, and/or an engineering evaluation you may have of the system. If no documentation exists, indicate none in the space provided. All the existing and proposed runoff control systems must be identified on the site map associated with this description

Runoff Control System #	*Existing or Proposed*	*Type of Runoff Control System*	*Associated Outdoor Lot or Feed Storage/ Area #*	*Runoff Control System Design Documentation*
	Select...	Select...	Select... /	Select...

Other Site Information

Please select the site that serves as the primary site for this operation:

Steadfast Farms

Was your farm designated or defined as a small(1-299 animal units) or medium (300-999 animal units) CAFO in accordance with NR 243.26?

○ Yes ◉ No

If yes, what date was your farm designated/defined?

If yes, what was the reason for designation/definition?

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Nutrient Management Plan Checklist Livestock/Poultry Operation WPDES Permit Application

Form 3400-025B (R 3/12)

Notice: Pursuant to ch. NR 243, Wis. Adm. Code and s. 283.53(3), Wis. Stats., this form is required to be submitted, along with Form 3400_025A and all other required application materials, by the owner or operator of a concentrated animal feeding operation (CAFO). The Department will not consider your application unless you provide and submit complete information. Penalties for failure to submit a completed form are established in ss. 283.89 and 283.91, Wis. Stats. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31-19.39, Wis. Stats.)

I. Operation Information

Operation	Contact (First name , Last name)		WPDES Permit No
CUMBERLAND LLC	Jeff	Sauer	65649

Location Address - Street, Route or Box	City	State	Zip Code
12884 Shate Highway 48	Grantsburg	WI	54840

Phone Number (xxx-xxx-xxxx)	Cell Phone (xxx-xxx-xxxx)	Fax Number (xxx-xxx-xxxx)	Email Address
715-773-1976			jeffsauer2@gmail.com

II. Preparer Information

Name of Crop Consultant (First, Last)		Company	Title
SAM	GUYER	GREENER ACRES AG	

Mailing Address - Street, Route or Box	City	State	Zip Code
P.O. BOX 267	COLFAX	WI	54730

Phone Number (xxx-xxx-xxxx)	Cell Phone (xxx-xxx-xxxx)	Fax Number (xxx-xxx-xxxx)	Email
715-383-6993			sam.guyer@greeneracresag.com

1) Plan Type(select one)
(●) Initial Plan ( ) Annual Update ( ) Permit Renewal

Applicable Growing Session: 2023-2027

2) Total acres covered by NM P: 1,892
Cropland acres owned: 217
Total spreadable acreage: 1,846 acres
Agreement or Rented Acres: 1,675 acres

3) Total acreage used for land application in previous 12 months: 0.0
Total animals at facility in pervious 12 months: 0

Waste Type	Amount Generated Annually	Amount Transferred Annually	Units (gallons or tons)
Liquid Manure and Process Wastewater	8,796,637	0	gallons
Solid Manure & Litter	20	0	tons

III. NR 243 CAFO Nutrient Management Plan (NMP) Checklist

Check yes or no and provide the (Section) of the item in the NMP. Failure to provide item location may delay review of the NMP by the DNR and/or require resubmittal of the checklist with this information.

	Yes	No	Section
1. **Does plan meet Wisconsin's NRCS 590 Nutrient Management Standard nutrient budgeting, soil test recommendations, selecting dominant critical soil unit criteria and establishing perennial vegetation in all areas of concentrated flow resulting in reoccurring gullies**? (NRCS soil unit criteria: http://www.wi.nrcs.usda.gov/technical/consplan/rusle.html)	●	○	5
2. **Does plan contain fields with high potential for N leaching to groundwater**?	●	○	3
If yes, do these fields meet NRCS 590 soil temperature, application rate and timing restrictions?	●	○	2
3 **Does plan contain NRCS 590 response procedures for manures, organic byproducts and fertilizer applications that cause drainage to subsurface tiles, ponding or runoff**? (NOTE: Such procedures must include methods to prevent offsite movement of nutrients - via subsurface tile discharge or surface runoff - to waterways and notify DNR of spills or accidental release)	○	●	2
4. **Does plan contain a copy of NRCS 590 checklist**?	●	○	1
5. **Does plan have a narrative that describes**:			

a.	Expected numbers of animal units on site at end of first year of permit coverage and also expected numbers for remaining permit term (next 4 yrs). - NR 243.12(2)(6), Wis. Adm. Code	◉ ○	2
b.	Expected amounts and types of manure and process wastewater produced on annual basis.	◉ ○	2
c.	Amount of manure and process wastewater to be land applied	◉ ○	2
d.	Anticipated frequency and method(s) of land application	◉ ○	2
e.	Other methods of use, disposal, distribution or treatment of manure or process wastewater.	◉ ○	2
f.	Tillage and crop rotation information for all fields owned or rented or in `agreements'.	◉ ○	2
g.	Total acreage available (by landowner) for land application owned, rented or in `agreements'. Notice: Pursuant to ch. NR 243, Wis. Adm.	◉ ○	2

	Yes	No	Sectio
h. General manure and process wastewater application requirements - NR 243.14(2)(b)(1-13) & (c-f), Wis. Adm. Code AND methods explaining how they will be met on all fields in plan (e.g., field and map verification procedures, applicable best management practices and recordkeeping procedures to track actions taken).	◉	○	2
i. Nutrient crediting requirements - NR 243.14(3), Wis. Adm. Code- and how they will be met	◉	○	2
j. SWQMA application restriction option for each field AND methods explaining how restriction(s) will be met - NR 243.14(4), Wis. Adm. Code.	◉	○	2
k. Phosphorus delivery method (P Index or Soil Test P) for each field AND management strategy for fields with soil test P above 100 ppm and 200 ppm - NR 243.14(5), Wis. Adm. Code.	◉	○	2
l. Fields adjacent to or with high potential to drain to impaired or outstanding/exceptional waters (see DNR impaired waters map tool: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=SurfaceWaterViewer)	◉	○	3
m. Identification of sites for winter (frozen or snow covered ground) applications that meet criteria in tables 4 and 5 for manure - NR 243.14(6-8) - AND methods explaining how they will be met. (NOTE: Fields selected for winter application must have the lowest risk of pollutant delivery to waters of the state and have winter acute loss index value of 4 or less using the Wisconsin Phosphorus Index).	◉	○	3
n. Documentation of adequate storage (180 days) and methods of maintaining adequate storage - NR 243.14(9) and NR 243.17(3), Wis. Adm. Code.	◉	○	6
6 Are the following field features identified as restricted or high risk areas on spreading maps: (NOTE: Checking yes requires plan narrative to describe methods or procedures to identify, avoid, eliminate or minimize the surface or ground water quality risk each feature represents).			
a. Private, non-community drinking water well (100ft setback).	◉	○	3
b. Community drinking water well (1,000ft setback)	◉	○	3
c. Soils within 24 inches of apparent water table or bedrock at time of application (NOTE: water table depth may vary over time and requires field investigation to determine actual depth to groundwater before application)	◉	○	3
d. Fields over 200 ppm soil test phosphorus (manure spreading prohibited unless department approval)	◉	○	3
e. Direct conduits to groundwater (100ft setback).	◉	○	3
f. SWQMA areas and 100ft prohibition, or equivalent. (NOTE: maps must identify all conduits to navigable waters. These include: ditches, concentrated flow channels, sinkholes, agricultural well heads, open tile line intake structures or open vent pipes in fields that discharge to navigable waters and grassed waterways that drain directly to a navigable water). See DNR navigable waters fact sheet: http://www.dnr.state.wi.us/org/water/fhp/waterway/factsheets/index.htm	◉	○	3
g. Wetlands and 25ft setback OR start of the SWQMA if connected to navigable water - NR 243.14 (4)(a) (2), Wis. Adm. Code. See DNR wetlands map tool:http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=SurfaceWaterViewer.wetlands)	◉	○	3
h. Fields adjacent to or with high potential to drain to impaired or outstanding/exceptional waters (see DNR impaired waters map tool: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=SurfaceWaterViewer)	◉	○	3
i. Soils with: (1) High Permeability; (2) Within 20 inches to bedrock; or (3) Within 12 inches to apparent water table. (see Appendix 1, WI Tech Note WI-1 http://www.wi.nrcs.usda.gov/technical/technotes.html).	◉	○	3
j. Fields with ephemeral erosion, reoccurring gullies or concentrated flow channels. (NOTE: fields with such soil erosion features do not meet NRCS 590 and need to be stabilized with perennial vegetation or other runoff reducing practices. Once established, manure cannot be applied within vegetated flow channels/grassed waterways. If detected, describe in narrative how and when such areas will be stabilized before any manure is applied on fields where gullies exist.)	◉	○	3
k. Fields exceeding T - tolerable soil loss - over the crop rotation.	◉	○	3
l. Subsurface drainage systems (e.g., drain tiles and their outlets).	◉	○	3
7 Does field size and planned manure spreading to all fields reflect acreage lost to SWQMA or other required setbacks?	◉	○	5

		Yes	No	Section
8.	**Is phosphorus being correctly managed:**	◉	○	5
a.	Fields 50-100ppm P: Balance P needs over a maximum 8 year rotation?	◉	○	5
b.	Fields 100-200ppm P: Drawdown P by 50% cumulative crop removal over a maximum 4 year rotation ND P Index ≤ 6?	◉	○	5
c.	Is commercial P above 20lbs in starter being added to fields over 50 ppm P?	○	◉	
9	Are manure analyses being taken, at least annually, for every sample point in the permit and being used to develop the plan? If not completed yet, provide schedule when manure testing will be completed in narrative when plan will be updated with this information	◉	○	4
10	**Is all manure produced by the farm allocated over the entire rotation or five year permit term**? (NOTE: A rotation may be longer or shorter than a five year permit term. If shorter than 5-years, the rotation must repeat or be amended to reflect, at least, the 5 year permit term).	◉	○	4
11	**Are all commercial fertilizers and off-farm nutrients included for every year of rotation?**	◉	○	5
12	**Are all fields owned, rented or in agreements with farm that have, or are planned to, receive manure or process wastewater included in plan**? (NOTE: Once a field is included in the plan it must remain so regardless of use/status for the 5-year permit term or rotation - this includes fields used only once during permit term or a rotation. For such fields, projecting what nutrients may be applied is required.)	◉	○	5
13	**Are all fields in plan managed for the entire rotation**? Managed for the entire rotation means: Planning for the sequence of crops, tillage, budgeting and application of nutrients for up to an 8-year period in order to determine field rotational soil loss, rotation avg. P Index, and applicable manure or legume credits for each rotation year.	◉	○	5
14	**If any fields in plan do not receive manure during the rotation, do they follow UW A2809 crop recommendations for other applied nutrients**?	◉	○	5
15	**Are calibrations provided in plan for all manure hauling equipment (including equipment not owned by the farm)**? If no, provide schedule when calibrations will be completed in narrative	○	◉	
16	**Does plan include copies of soil testing for all NMP fields and manure testing results?** If not completed yet, provide in narrative a schedule when testing for soil for specific fields or manure will be completed and when plan will be updated with this information.	◉	○	4
17	**If available, have prior year(s) records (e.g., crop, tillage, nutrients applied) been included in NMP calculations to reflect what actually happened on each field vs. what was planned**?	◉	○	5
18	**Are any fields receiving over-applications of nitrogen based on UW Publication A2809**?	○	◉	

State of Wisconsin
Department of Natural Resources
PO Box 7185, Madison, WI 53707-7185
dnr.wi.gov

CAFO Reviewable Facilities of Systems for Livestock/Poultry Operation WPDES Permit

Form 3400-025G (R6 /18)

Applicants must use this form for the evaluation of existing facilities reviewable under s. NR 243.16, Wis. Adm. Code.

I. Operation Information

Operation	Contact (First , Last)	
CUMBERLAND LLC	Jeff	Sauer

Mailing Address -Street, Route or Box	Mailing Address -City	S tate	Zip Code
P.O. BOX 106	THORP	WI	54771

Location Address -Street, Route or Box	Location Address- City	S tate	Zip Code
12884 Shate Highway 48	Grantsburg	WI	54840

County		Section (01 -36)	Township (01-53)	Range XX	
Burnett	(•) Town ( ) Village ( ) City TRADE LAKE;T	7	37 N	18	( ) E (•) W

Phone Number (incl. area code)	Cell Phone Number	Fax Number (incl. area code)	Email
715-566-0803	715-566-0803		ericmelin44@gmail.com

This Operation is (check one): ( ) a new CAFO (•) an existing CAFO

WPDES Permit Number: 65649

II. Design Engineer

Company	Engineer Name (First, Last)	
OAKRIDGE ENGINEERING	ERIK	LIETZ

Mailing Address - Street, Route or Box	City	State	Zip Code
877 GAYLORD AVENUE	MONDOVI	WI	54755

Phone Number (w/ area code)	Cell Phone (w/ area code)	Fax Number (w/ area code)	E-mail Address:
715-926-1110	715-514-9393		erik@oakridgeeng.com

Alternate Contact (First, Last)		E-mail	Phone Number (w/ area code)

Preparer is a (select one):
- (•) Profession Engineer WI License 41126
- ( ) Certified Agricultural Engineering Practitioner (DATCP / County /NRCS engineers or techs)
- ( ) Professional Hydrologist WI License No:
- ( ) Other: Specify

Reviewable Project Type (check all that apply):

- [ ] No Evaluation Required
- [x] Manure storage (NR 243.15(3) & NRCS 313)
- [ ] Manure Transfer Pipe (NR 243.15(4) & NRCS 634)
- [ ] Reception Tank (NR 243.15(4) & NRCS 634)
- [ ] Digester (NR 243.15(5) & NRCS 313, 634)
- [ ] Composting (NR 243.15(8), 502.12 & NRCS 313)
- [ ] Solids Separation (NR 243.15(4) & NRCS 632, 634)
- [ ] Feed storage area (s. NR 243.15(9))
- [ ] Vegetated Treatment Area (NR 243.15(2) & NRCS 635)
- [ ] Closure/Discontinuing (NR 243.17(7) & NRCS 360)
- [ ] Groundwater Monitoring (NR 243.15(7))
- [x] Days of Storage Calculations (NR 243.15(3))
- [ ] Manure Stacking (NR 243.15(8) & NRCS 313)
- [ ] Manure Transfer Channel (NR 243.15(4) & NRCS 634)
- [ ] Detention Basin (NR 243.15(3), NRCS 313 & CPS 1001)
- [ ] Non-Ag Waste Addition for Digester (NR 243.17(1), (2) & NRCS 313)
- [ ] Sand Separation (NR 243.15(4) & NRCS 632, 634)
- [ ] Process Wastewater (NR 213 & NRCS 313)
- [ ] Runoff Controls (NR 243.15(2) & NRCS 635)
- [ ] Irrigation Pipeline (NR 243.15(4) & NRCS 430, 634)
- [ ] Biofilter (NR 243.15(2), (4) and (9) & NRCS 313)
- [ ] Well Waiver Request (NR 243.09))

Forms and Attachments

To help us make a decision in the shortest amount of time possible, the following information must be submitted:

Supplemental Attached Forms

Form 3400-25 (Application):

Contact Information Completion Status: Complete

Facility Information Completion Status: Complete

Form 3400-25A (Animal Units Checklist):

Completion Status: Complete

Form 3400-025B (Nutrient Management Plan Checklist) :

Completion Status: Complete

Form 3400-025G (Evaluated Facilities of Systems for Livestock/Poultry Operation):

Completion Status: Complete

Upload Required Attachments (15 MB per file limit, split into multiple files as necessary)

Nutrient Management Plan :

Completion Status: Complete

Evaluations & 180 Day Storage Documentation:

Completion Status: Complete

This section is only for submitting evaluations of existing facilities and 180 day manure storage documentation. Submittal of plans and specifications for proposed structures/systems must be submitted separately using the ePermitting system for livestock operations.

Site Specific Documents :

Completion Status: Complete

Plans, Maps and Reports

Upload Required Attachments (15 MB per file limit) - Help reduce file size and trouble shoot file uploads

Section 1 – Additional Checklists

NR243 LINK - http://datcp.wi.gov/uploads/Farms/pdf/NMPLANCHECKLISTarm-lwr480.pdf

Attach the completed NRCS 590 here: File Attachment Checklist.pdf

Section 2 - Plan Narrative

Nutrient Management Plan Narrative (overview of farm and how it will meet NR 243 requirements – can reference other sections of NMP)

Add files (split into multiple items if larger than 15 MB): File Attachment NMPNarrativeTemplate.doc

Section 3 - Maps

Maps (fields, soils, spreading restrictions, topographical, drain tiles, shallow groundwater or bedrock, winter spreading, other) (Please split into multiple items if larger than 15 MB):

Spreading Restrictions Map : File Attachment Summer.pdf

Soil Map: File Attachment Soil.pdf

Topographical Map: File Attachment Topowecompress.pdf

Drain Tile Map: File Attachment N.docx

Shallow Groundwater Map: File Attachment Soil_Restriction.pdf

Bedrock Map: File Attachment N.docx

Winter Spreading Map: File Attachment Winter.pdf

Winter Spreading Map: File Attachment winter2.pdf

Field Map: File Attachment Fieldswecompress.pdf

Section 4 - Manure Analyses and Soil Test records

Manure Analysis Records(split into multiple items if larger than 15 MB)	File Attachment	CumberlandLLC-NutrientMassBalance.pdf
Soil Test Records (split into multiple items if larger than 15 MB):	File Attachment	CumberlandLLC.pdf

Section 5 - Field Specific reports

Field Specific reports (nutrient budgeting, consistency with UW recommendations, meeting T, NR 243 PI and P management, spreading reports, other)

Split files into multiple items if larger than 15 MB:	File Attachment	CumberlandLLC.pdf
Split files into multiple items if larger than 15 MB:	File Attachment	CumberlandLLC.pdf
Split files into multiple items if larger than 15 MB:	File Attachment	CumberlandLLC.pdf
Split files into multiple items if larger than 15 MB:	File Attachment	CumberlandLLC.pdf
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Section 6 - Farm Reports

Farm Reports (total manure production from planned herd size, manure applications and total acres available, manure equipment calibrations, manure storage capacity calculations (> 180 days), emergency response procedures, winter spreading procedures)

Split files into multiple items if larger than 15 MB:	File Attachment	CumberlandLLC.pdf
Split files into multiple items if larger than 15 MB:	File Attachment	LiquidWasteStorage.xlsx

Section 7 – Inspections, Record Keeping and Reporting

Split files into multiple items if larger than 15 MB:	File Attachment	Landowner.csv

Section 8 - Other supporting documentation

This includes other files, manure application equipment specs, etc.

Split files into multiple items if larger than 15 MB:	File Attachment	fields.zip

Facility Plan Documents

Upload Required Attachments (15 MB per file limit) - Help reduce file size and trouble shoot file uploads

Narrative

File Attachment 221028R-EngReport.pdf

Calculations

File Attachment

Drawings

File Attachment

Geo Technical Reports

File Attachment

Liquid Manure Storage Calculations

180-Day Liquid Manure Storage Volume Calculations: File Attachment 201020C-DNRWasteProductionStorageCalc.pdf

The 180-Day Liquid Manure Storage Calculation template is a Microsoft Excel spread sheet published by the WI DNR . If you would like to use this pre-built template:

1. Download the spreadsheet and save it to your computer
2. Open the spreadsheet in an application that can read a Microsoft .xls file.
3. Complete the form and save it to your computer
4. Upload the completed file to the attachment area above

Supporting Document for 180-day Liquid Manure Storage Volume Calculations: File Attachment 221028C-SummaryofStorage.pdf

The Supporting Documentation for the 180-Day Liquid Manure Storage Volume Calculations template is a Microsoft Excel spread sheet published by the NRCS. If you would like to use this pre-built template:

1. Download the spreadsheet and save it to your computer
2. Open the spreadsheet in an application that can read a Microsoft .xls file.
3. Complete the form and save it to your computer
4. Upload the completed file to the attachment area above

Missingitems:

Site Specific Documents

Upload Required Attachments (15 MB per file limit) - Help reduce file size and trouble shoot file uploads

Site Maps

Aerial Maps for each site: File Attachment Maps.pdf

Soil Maps for each site: File Attachment MelinSoilsPacket.pdf

Environmental Analysis Questionnaire

File Attachment 210507L-EAQ-full.pdf

An Environmental Analysis Questionnaire (EAQ) must be submitted as part of your application. Please download using the hyperlink, fill out, and then attach the document.

Other

Other Attachments: File Attachment Maps.pdf

(Click insert to add additional attachments. Use your cursor to hover over the file name field. When the drop down arrow appears, select insert or remove item)

State of Wisconsin
Department of Natural Resources
PO box 7185, Madison WI 53707-7185
dnr.wi.gov

Animal Unit Calculation Worksheet
Form 3400-25A (R 3/2012)

The current Animal Unit Calculation Worksheet must be filled out **separately** for the "main" site and each site which are owned or operated by your farm for the purposes of housing animals associated with your operation. The site name, for which you are filling this worksheet out, must be provided below and correlate with Form 3400-25 Site Information (Section II).

Current Animal Unit Calculation Numbers

Name of Site : Steadfast Farms

Note: Site Selections can be modified or added on page 2 of Form 3400-25C

☐ Check here if there are no projected increases in animal numbers at this site within the next five years.

☑ No Animals present at this site.

Animal Type	I. Mixed Animal Units				II. Non-Mixed Animal Units		
	b. Equiv. Factor	% open confine-ment	c. Current Number	d. No. of AUs	e. Equiv. factor	f. Current Number	g. No of AUs
Example - Broilers (non-liquid manure):	*0.005 x*	*80 %*	*150,000*	*= 750*	*0.008 x*	*150,000*	*= 1200*
Dairy Calves (under 400 lbs)	0.2 x	0 %	0	0.0			
Beef Calves (under 400 lbs)	0.2 x	0 %	0	0.0			
Dairy Cattle – Milking & Dry Cows	1.40 x	0 %	0	0.0	1.43	0	0.0
Dairy Cattle – Heifers (800 lbs to 1200 lbs)	1.10 x	0 %	0	0.0	1.00	0	0.0
Dairy Cattle – Heifers (400 lbs to 800 lbs)	0.60 x	0 %	0	0.0			
Beef – Steers or Cows (400 lbs to market)	1.00 x	0 %	0	0.0	1.00	0	0
Beef – Bulls (each)	1.40 x	0 %	0	0.0			
Veal Calves	0.50 x	0 %	0	0.0	1.00	0	0
Swine – Pigs (up to 55 lbs)	0.10 x	100 %	0	0.0	0.10	0	0.0
Swine – Pigs (55 lbs to market)	0.40 x	100 %	0	0.0	0.40	0	0.0
Swine – Sows (each)	0.40 x	100 %	0	0.0			
Swine – Boars (each)	0.50 x	100 %	0	0.0			
Chickens – Layers (each) -non-liquid manure system	0.01 x	0 %	0	0.0	0.0123	0	0.0
Chickens – Broilers/Pullets (each) -non-liquid manure system	0.005 x	0 %	0	0.0	0.008	0	0.0
Chickens – Per Bird -liquid manure system	0.033 x	0 %	0	0.0	0.0333	0	0.0
Ducks (each) -liquid manure system	0.2 x	0 %	0	0.0	0.2	0	0.0
Ducks (each) -non-liquid manure system	0.01 x	0 %	0	0.0	0.0333	0	0.0
Turkeys (each)	0.018 x	0 %	0	0.0	0.018	0	0.0
Sheep (each)	0.1 x	0 %	0	0.0	0.1	0	0.0
Horses (each)	2 x	0 %	0	0	2	0	0

Total Animal Units	**Total Mixed Animal Units=** (add all rows above) 0.0	**Total Non -Mixed Animal Units=** (Enter the single highest number from any row above; DO NOT add the totals) 0.0

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Animal Unit Calculation Worksheet
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The current Animal Unit Calculation Worksheet must be filled out **separately** for the "main" site and each site which are owned or operated by your farm for the purposes of housing animals associated with your operation. The site name, for which you are filling this worksheet out, must be provided below and correlate with Form 3400-25 Site Information (Section II).

Projected Animal Unit Calculation Numbers

Name of site: Steadfast Farms

Animal Type	I. Mixed Animal Units				II. Non-Mixed Animal Units		
	b. Equiv. Factor	*% open confine-ment*	*c. Current Number*	*d. No. of AUs*	*e. Equiv. factor*	*f. Current Number*	*g. No of AUs*
Example - Broilers (non-liquid manure):	*0.005 x*	*80 %*	*150,000*	*= 750*	*0.008 x*	*150,000*	*= 1200*
Dairy Calves (under 400 lbs)	0.2 x	0 %	0	0.0			
Beef Calves (under 400 lbs)	0.2 x	0 %	0	0.0			
Dairy Cattle – Milking & Dry Cows	1.40 x	0 %	0	0.0	1.43 x	0	0.0
Dairy Cattle – Heifers (800 lbs to 1200 lbs)	1.10 x	0 %	0	0.0	1.00 x	0	0
Dairy Cattle – Heifers (400 lbs to 800 lbs)	0.60 x	0 %	0	0.0			
Beef – Steers or Cows (400 lbs to market)	1 .00 x	0 %	0	0	1.00 x	0	0.0
Beef – Bulls (each)	1.40 x	0 %	0	0.0			
Veal Calves	0.50 x	0 %	0	0.0	1.00 x	0	0.0
Swine – Pigs (up to 55 lbs)	0.10 x	100 %	14,625	1,462.5	0.10 x	14,625	1,462.5
Swine – Pigs (55 lbs to market)	0.40 x	100 %	4,125	1,650.0	0.40 x	11,725	4,690.0
Swine – Sows (each)	0.40 x	100 %	7,500	3,000.0			
Swine – Boars (each)	0.50 x	100 %	100	50.0			
Chickens – Layers (each) -non-liquid manure system	0.01 x	0 %	0	0.0	0.0123 x	0	0.0
Chickens – Broilers/Pullets (each) -non-liquid manure system	0.005	0 %	0	0.0	0.008 x	0	0.0
Chickens – Per Bird -liquid manure system	0.033	0 %	0	0.0	0.0333 x	0	0.0
Ducks – Ducks (each) -liquid manure system	0.2 x	0 %	0	0.0	0.2 x	0	0.0
Ducks – Ducks (each) -non-liquid manure system	0.01 x	0 %	0	0.0	0.0333 x	0	0.0
Turkeys (each)	0.018 x	0 %	0	0.0	0.018 x	0	0.0
Sheep (each)	0.1 x	0 %	0	0.0	0.1 x	0	0.0
Horses (each)	2 x	0 %	0	0	2 x	0	0

Total Animal Units	**Total Mixed Animal Units**= (add all rows above) 6,162.5	**Total Non -Mixed Animal Units=** (Enter the single highest number from any row above; DO NOT add the totals) 4,690.0

Sign and Submit Permit

Steps to Complete the signature process

1. Read and Accept the Terms and Conditions
2. Press the Initiate Signature Process button
3. You will receive an email (within 5 minutes) with instructions to complete the signature process.
4. Follow the instructions in the email.

You will receive an acknowledgement email upon completing these steps.

Terms and Conditions

I certify that:

1. I am the owner or corporate officer (if incorporated) of the operation submitting this WPDES permit application, and my name and electronic signature are provided below.
2. I have reviewed the information contained in this application and that to the best of my knowledge and belief such information is true, complete and accurate.
3. I concur with all applicable certifications below relating the Nutrient Management Plan and any engineering plans or evaluations included within (or required as part of) this application.
4. I believe that the provided CAFO Nutrient Management Plan complies with all NR 243.14, Wis. Adm. Code, and applicable NRCS 590 criteria.
5. I believe the proposed project will comply with discharge limitations in s. NR 243.13, Wis. Adm. Code.
6. For proposed plans and specifications, a post construction report will be submitted to the DNR with a statement that construction conforms with applicable administration codes, NRCS Standards, and approved plans and specifications.

I understand that pursuant to s. 283.91(4), Wis. Stats., any person who knowingly makes any false statement representation or certification in a document filed with the DNR may be punished by a fine of not more than $10,000 or by imprisonment for not more than 6 months or both.

NOTE: For security purposes all email correspondence will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click HERE .

Authorized Signature

☑ I accept the above terms and conditions.

Enter Your Name: Jeffrey J Sauer

Signed by : i:0#.f|wamsmembership|jeffreyjsauer2 on 2022-12-30T15:44:12

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application.