

**LARGE FARM OPERATION PERMIT APPLICATION**  
6 V.S.A. SECTION 215

**GENERAL INFORMATION:**

1. Applicant's Name: \_\_\_\_\_  
Farm Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Phone: ( ) \_\_\_\_\_ FAX: ( ) \_\_\_\_\_

I, the undersigned, hereby submit this application to the Vermont Department of Agriculture, Food, and Markets for processing for a Large Farm Permit. I understand that construction of a barn or other infrastructure shall not begin until I have received a Large Farm Permit as required by 6 V.S.A. Section 4851. I believe, to the best of my ability, that the information provided herein is full and accurately represents the proposed project.

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

2. Contact Person: \_\_\_\_\_  
Title: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Phone: ( ) \_\_\_\_\_ FAX: ( ) \_\_\_\_\_

3. Project Type:  
\_\_\_\_\_ New farm  
\_\_\_\_\_ Expansion of a previously exempt facility  
\_\_\_\_\_ Amendment to an existing LFO Permit \_\_\_\_\_ Permit Number  
\_\_\_\_\_ Operating Permit for existing facility

4. General description of the facility, and proposed activities (plans are required for new construction): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Proposed construction dates: \_\_\_\_\_

6. Total facility acres owned by the applicant: \_\_\_\_\_

7. Total acres rented for spreading manure: \_\_\_\_\_

8. Total acres committed to LFO construction: \_\_\_\_\_  
 Deed(s): grantee's name recorded as: \_\_\_\_\_  
 Recorded: book(s) \_\_\_\_\_ pages \_\_\_\_\_  
 Town \_\_\_\_\_ county \_\_\_\_\_

**MANURE ANALYSIS:**

	<u>Lbs/Wet Ton</u>	<u>Lbs/1000 gals</u>
9. Total Nitrogen:	_____	_____
Ammonium Nitrogen	_____	_____
Organic Nitrogen	_____	_____
10. Total P <sub>2</sub> O <sub>5</sub>	_____	_____
11. Total K <sub>2</sub> O	_____	_____

**WASTE STORAGE, ANIMAL UNITS INFORMATION:**

12. Number of Waste Management Systems (Pits, Lagoons, or Bunkers)? \_\_\_\_\_  
 For each one, fill out the following information:

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A. Number or Name of Storage Area \_\_\_\_\_

	<u>SQ. FEET</u>		<u>GALS</u>		<u>TONS</u>		<u>CUBIC FT</u>
Design System Capacity:			_____	or	_____	or	_____
Barnyard/Silage Storage Size	_____						
Runoff From 25 yr/24 hr storm			_____				

Volumes and Types of Wastes Going into this Storage Area:

	<u>GALS</u>	<u>TONS</u>	<u>CUBIC FT</u>
Total Manure Produced	_____	_____	_____
Total Bedding Produced	_____	_____	_____
Total Milk House Waste	_____	_____	_____

Describe how many of which animals' waste goes into this storage area:

Number of Mature Cows? \_\_\_\_\_ head  
 Weight of Mature Cows? \_\_\_\_\_ lbs  
 Number of Young Stock? \_\_\_\_\_ head  
 Weight of Young Stock? \_\_\_\_\_ lbs

Number of 1000 lb. Animal Units? \_\_\_\_\_  
 Average Annual Milk Production? \_\_\_\_\_ lbs

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B. Number or Name of Storage Area \_\_\_\_\_

	<u>SQ. FEET</u>		<u>GALS</u>		<u>TONS</u>		<u>CUBIC FT</u>
Design System Capacity:			_____	or	_____	or	_____
Barnyard/Silage Storage Size	_____						
Runoff From 25 yr/24 hr storm			_____				

Volumes and Types of Wastes Going into this Storage Area:

	<u>GALS</u>	<u>TONS</u>	<u>CUBIC FT</u>
Total Manure Produced	_____	_____	_____
Total Bedding Produced	_____	_____	_____
Total Milk House Waste	_____	_____	_____

Describe how many of which animals' waste goes into this storage area:

Number of Mature Cows? \_\_\_\_\_ head  
 Weight of Mature Cows? \_\_\_\_\_ lbs  
 Number of Young Stock? \_\_\_\_\_ head  
 Weight of Young Stock? \_\_\_\_\_ lbs  
 Number of 1000 lb. Animal Units? \_\_\_\_\_  
 Average Annual Milk Production? \_\_\_\_\_ lbs

**FIELD INFORMATION:**

13. Maps must be created for each field. These can be prepared by the DAFM, or by farmers. An orthophoto map or copy of an orthophoto map should be used to outline the fields and identify the barns, pits, and field stacking areas. Also, the following features are required to be indicated on each map: *north vs south; acreage; surface waters; farm waters supplies; roads; other relevant landmarks such as schools.* The Department of Agriculture, Food, and Markets can also prepare the maps, after walking the boundaries of the fields using a GPS (Global Positioning System).

14. Identify each field **by the name you use**, and all of the following information for each. Use your most recent soil test results.

- Field name or number - that you use
- Crop
- Crop history for last 3 years
- Acres
- Estimated Yield

2T status  
 Year of Soil Test  
 Available P (ppm)  
 Reserve P (ppm)  
 Aluminum (ppm)  
 Recommendations:  
     N (lb/ac)  
     P<sub>2</sub>O<sub>5</sub> (lb/ac)  
     K<sub>2</sub>O (lb/ac)  
     Maximum Application P<sub>2</sub>O<sub>5</sub> (lb/ac)  
 Maximum lbs of nutrients per field  
     N (lb)  
     P<sub>2</sub>O<sub>5</sub> (lb)  
     K<sub>2</sub>O  
 Conservation Practice Used  
 From which waste storage area will this field's manure be pumped?  
 Number of past years this field has received manure, and at what rate?  
 Soil Type

15. Describe how you will update the manure management plan every year (manure testing, soil testing, and which fields will receive how much manure). \_\_\_\_\_

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**ACCEPTED AGRICULTURAL PRACTICES (AAPs), AND SUBCHAPTER 3, § 4851:**

I understand that my farming practices must conform with Vermont's Acceptable Agricultural Practices, regardless of the farm's qualifications as a Large Farm Operations manager. However, as part of the LFO permit process, I must affirmatively state that my farming practices are in conformance with the AAPs. As an applicant for an LFO permit, my farming operation must also conform with the statutory requirements regarding traffic, odors, noise, flies, insects, and other pests. I have read the statements below, and my signature on the last page creates the affirmative finding necessary to complete these parts of the LFO application.

16. Discharges

Do you have a system to collect all "dirty water" (barnyard or silage runoff, roof top water which moves across unpaved or uncropped land, manure runoff, bedding by product, milkinghouse waste) that is created on your farm so that it is not allowed to runoff into waters of the state?

Yes\_\_\_\_\_ No\_\_\_\_\_

If not, does the application contain a plan for developing a system to collect all dirty water?

Yes\_\_\_\_ No\_\_\_\_

Are the following structures designed by NRCS or a Professional Engineer registered to practice in Vermont?

A) Barnyard Runoff control:

Yes\_\_\_\_ No\_\_\_\_

B) Silage Runoff control:

Yes\_\_\_\_ No\_\_\_\_

