

## Medium CAFO General Permit Notice of Intent (NOI)

**By submitting this form to the Vermont Department of Environmental Conservation the applicant is requesting authorization to discharge under the National Pollutant Discharge Elimination System. To obtain authorization, the applicant must submit a complete and accurate NOI, as well as all required supporting materials. Submission of the NOI also constitutes notice that the party identified in Section A of this form has read, understands and meets the eligibility conditions; agrees to comply with all applicable terms and conditions; and understands that continued authorization under the Medium CAFO General Permit is contingent on maintaining eligibility for coverage. Submission of an application does not confer coverage under the Medium CAFO General Permit.**

### A. General Information

The signees shall be the owner(s) and operator(s). For additional applicants, such as additional Landowner(s) or Operator(s) please attach an additional page. The application preparer may consider completing the below information for the primary landowner, or the landowner that is submitting the Notice of Intent.

#### Operation Owner Information

1. Owner:

2a. Mailing Address:

2b. Town:

2c. State:

2d. Zip:

3. Email:

4. Phone:

5. Additional Contact/Email (if applicable):

#### Operator Information if different than Operation Owner Information.

6. Operator Name / Point of Contact:

7a. Mailing Address:

7b. Town:

7c. State:

7d. Zip:

8. Email:

9. Phone:

10. Additional Contact/Email (if applicable):

### B. Application Preparer Information (if applicable):      Self-Prepared

1. Company Name:

2. Preparer Name:

3. Mailing Address

4a. Town:

4b. State:

4c. Zip.

5. Email:

6. Phone:

7. Additional Contact/Email (if applicable):

**C. Farm Information**

**Farm Name and Description**

1. Farm Name:

2. Brief Description of Farming Operation (animal type and current number, facilities and animals confined, waste management regimen, total crop land and pasture acreage, and conservation practices implemented):

3. Attachments required:
- A Nutrient Management Plan (NMP) is required as part of the application process. The NMP should at minimum meet the requirements of 40 CFR § 122.42(e), Part IV of the Medium CAFO GP, and comply with the Vermont NRCS 590 standard. The NMP must be current and include and specify the total number of acres under control of the applicant available for land application of manure, litter, or process wastewater.
  - Topographic map of the geographic area in which the CAFO is located, showing the specific location of the production area, land application area, irrigation and domestic wells, and the name(s) and location(s) of the nearest surface waters;
  - A diagram of the production area(s) demarcating impervious surfaces of the production area draining to waste storage facilities as well as features, including but not limited to; waste storage facilities, raw material storage, animal housing, clean water diversions, subsurface tile drains (i.e., leak detection and groundwater drainage tile), and adjacent surface water(s);
  - As-built, completed VT WSF Evaluation Guide, or pre-approved alternative for each WSF operated by applicant;
  - Manure and runoff generation calculations in excel format, and
  - Shapefiles with field identifying information of all land operated by the applicant.

**Main Facility Location Information**

Facility Name:  
Please enter the latitude and longitude of the main entrance to the facility below.

4a. Latitude:	4b. Longitude:
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4c. Physical Address:

4d. Town:

5. Owner name, if different than operator:

**Additional Facility Location Information**

Facility Name:

6a. Latitude:	6.b Longitude:
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6c. Physical Address:

6d. Town:

7. Owner name, if different than operator:

**Additional Facility Location Information**

Facility Name:

8a. Latitude:

8b. Longitude:

8c. Physical Address:

8d. Town:

9. Owner name, if different than operator:

**D. Nutrient Management Plan Information**

1.

Animal Type	Current Number in Confinement	Maximum Number planned for in NMP
Mature Dairy Cows (Milking and Dry)		
Youngstock or Heifers		
Cattle and Cow/Calf Pairs		
Other:		

**2.a Annual Liquid and Semi-Solid Generation Calculations (gallons)**

2.b Total Maximum Volume Liquid Waste* Generated	
2.c Total Maximum Volume Liquid Waste Imported	
2.d Total Maximum Volume Liquid Waste Exported	

\*Where waste includes but is not limited to manure, litter, process wastewater, leachate, and production area runoff

**3.a Liquid and Semi-Solid Waste Storage**

3.b Total Liquid Storage available (gallons)	
3.c Liquid Waste Generated from 11/1 – 4/30 (gallons)	(-)
3.d Liquid Waste Exported from 11/1 -4/30 (gallons)	(-)
3.e Waste Imported to Liquid WSF from 11/1 – 4/30 (gallons)	(+)
<b>Balance:</b>	

3.f Total Semi-Solid Storage available (tons/ft <sup>3</sup> )	
3.g Semi-Solid Waste Generated from 11/1 – 4/30 (tons/ft <sup>3</sup> )	(-)
3.h Semi-Solid Waste Exported from 11/1 – 4/30 (tons/ft <sup>3</sup> )	(-)
3.i Semi-Solid Waste Imported to WSF from 11/1 – 4/30 (tons/ft <sup>3</sup> )	(+)
<b>Balance:</b>	

**4. Land Base and Crop Nutrient Recommendation / Removal**

Crop Type	Acres	Total N Recommended	PAN* Recommended	P Recommended
Annual Crop				
Perennial Crop				

	Total N (lbs.)	PAN (lbs.)	Total P (lbs.)	Total Potassium (lbs.)
<b>Planned NMP total nutrient recommendation</b>				
Planned NMP total nutrient application from generated wastes	(-)	(-)	(-)	(-)
Planned NMP total nutrient application from imports	(-)	(-)	(-)	(-)
Planned NMP total nutrient application from fertilizer	(-)	(-)	(-)	(-)
<b>Total amount of remaining nutrients:</b>				
Planned NMP total nutrients exported	(-)	(-)	(-)	(-)
<b>Nutrient Balance:</b>				

\*PAN = Plant available Nitrogen.

5. If the farm imports or direct land applies any washwater or wastewater, list each source and amount below.

6. Select the Approach used to develop the NMP:

- Linear Approach – Permit terms include total N and P recommendations per crop, credits for plant available N, method and timing of land application, form, and source of nutrients, etc.
- Narrative Rate Approach – Permit terms include maximum amount of N and P from all sources, alternative crops, nutrient recommendation methodology to account for soil tests, N credits, nutrients applied by generated wastes and fertilizers, timing and method of application, and volatilization of N and mineralization of organic N, etc.

7. Describe how crop yields are calculated.

**E. Certification**

I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I hereby certify that I have read the Medium CAFO GP and I certify that the facilities included in these application materials, unless otherwise represented, are in compliance with the terms and conditions of the Medium CAFO GP. I am aware that there are significant penalties for submitting false information, including the possibility of fines and revocation of authorization.

Landowner: \_\_\_\_\_ Title: \_\_\_\_\_

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

If Operator is different than Landowner,

Operator: \_\_\_\_\_ Title: \_\_\_\_\_

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

If applicable, and as identified above in Section B of this application:

Application Preparer \_\_\_\_\_ Title: \_\_\_\_\_

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