



## Air Quality Management Plan for Dairy Operations

**NOTE:** Enter information from your previous calendar year activities and mail it back or email it to [registration@yrcaa.org](mailto:registration@yrcaa.org)

Dairy Name \_\_\_\_\_

Location \_\_\_\_\_

Mailing Address \_\_\_\_\_

Contact Person \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Preferred Contact Method: Mail  Email

1. Attach/enclose a map, aerial photo or drawing of the operation which represents the layout of the operation and provides enough detail to allow YRCAA to adequately review the feasibility and appropriateness of various BMPs for the facility. Include maps or aerial photos of properties identified in No. 4 below.
2. Provide the annual averages in animal numbers, the actual maximum number of cattle which can be confined annually and the average weight of each category below.

	<u>Annual Average</u>	<u>Max Capacity</u>	<u>Average Weight (lbs)</u>
Milking	_____	_____	_____
Dry	_____	_____	_____
Heifer	_____	_____	_____
Calf	_____	_____	_____
Total	_____	_____	_____

3. Provide the total annual herd milk production in hundred weight and the daily average per cow in pounds.

Total Annual Milk Production \_\_\_\_\_ Pounds per Cow per Day \_\_\_\_\_

4. List lands where nutrients are applied, the application method(s) used, and any limitations (weather, field conditions, etc.) which would impact the operation's ability to utilize any BMP.

	<u>Total Acres</u>	<u>Owned</u>	<u>Leased</u>	<u>Application Method(s)</u>	<u>Limitations</u>
Property #1	_____	_____	_____	_____	_____
Property #2	_____	_____	_____	_____	_____
Property #3	_____	_____	_____	_____	_____
Property #4	_____	_____	_____	_____	_____

5. Quantity in tons or gallons of nutrients imported/exported to/from the dairy \_\_\_\_\_



6. Describe any site-specific features or characteristics which require BMP flexibility or adaptation to meet the needs of the operation.

7. Rank the following pollutants 1-7 in the order to your dairy operation, 1 is being the most important and 7 being the least important.

- Particulate Matter, Odor, Volatile Organic Compounds (VOCs), Oxides of Nitrogen (NOx), Hydrogen Sulfide (H2S), Ammonia (NH3), Methane (CH4), Nitrous Oxide (N2O)

8. List BMPs (by number, see attached list, Appendix C of Air Quality Management Policy for Dairy Operations) which will be applied for emission reductions from the following systems:

- Nutrition and feeding, Feed management, Housing, both drylot and freestall, Manure management, Land application (both fertilizer and manure application), Grazing management, Other

9. Attach/enclose an operational plan for implementing selected BMPs which describes the criteria used to determine for which system of operation to implement each BMP listed in #8. The plan should include a method for selecting, implementing, monitoring, and recording activities necessary for employment of each BMP.

10. List BMPs (by number) proposed for future implementation with target dates for each.

Table with 2 columns: BMP #, Scheduled Date. Includes four rows of blank lines for data entry.

12. Certification and Permission

I the undersigned do hereby certify that the foregoing is to the best of my knowledge, after reasonable inquiry, true and accurate. I also grant permission to YRCAA to enter the above-mentioned properties at reasonable times for the purpose of inspection.

Print Name, Signature, Date