

# Livestock Facility Siting Odor Management Plan Factsheet



## Is a livestock facility required to have an odor management plan?

No. An odor management plan is not required by [Wis. Admin. Code § ATCP 51.30](#) to seek local approval for a new or expanding livestock facility. However, both [Appendix A, worksheet 2](#) (Worksheet 2) and [the department's odor standard spreadsheet](#) give 20 points of credit towards a facility's odor score if it completes an optional odor management plan.

According to [Wis. Admin. Code § ATCP 51.14](#), a new or expanded livestock facility seeking local approval must have an odor score of at least 500, unless the facility is any of the following:

- A new facility with fewer than 500 animal units
- An expanded facility with fewer than 1,000 animal units
- A facility in which all livestock structures will be located at least 2,500 ft. from the nearest affected neighbor

[Wis. Admin. Code § ATCP 51.14\(1\)](#) states that a livestock facility shall calculate their odor score according to Worksheet 2, or by using [the department's odor standard spreadsheet](#).

## What must an odor management plan contain?

According to [Wis. Admin. Code Ch. ATCP 51, Appendix A](#), an optional odor management plan must address:

- Activities to reduce community conflict
- Practices used to reduce dust
- Practices to reduce odor from feed storage leachate
- Practices used to conserve water
- Practices used to reduce odor from dead animals

Each facility determines the contents of their plan, as long as it addresses all of the required components. Although each facility's plan may be unique to their operation, the next page contains an outline of what may be included to adequately address the required components.

# Optional Odor Management Plan Outline

## **I. Contact Information**

- Identify the phone number of the facility manager(s) who will handle odor complaints

## **II. Goals for Odor Management**

- List goals the facility has for managing odor and potential complaints
- Reference the facility's employee training plan and list any planned trainings for odor management

## **III. Odor Management Strategies**

- List out the facility's odor sources and methods for implementing the control practices identified in Worksheet 2
- Include any strategies for reducing community conflict, examples of which may include:
  - i. Giving notice to neighbors before agitating waste storage or land spreading manure
  - ii. Immediately incorporating manure after land spreading or avoiding land spreading during certain dates, such as holidays or local celebrations
  - iii. Immediately removing any mud or debris on roads from facility equipment
- List any practices the facility will use to reduce dust, examples of which may include:
  - i. Construction and maintenance of gravel driveways with minimal fine particles
  - ii. Spraying of gravel roads during heavy truck traffic
- Identify how feed storage leachate is handled to reduce odor, examples of which may include:
  - i. Harvesting feed at optimal moisture content to minimize leachate
  - ii. Covering feed to reduce spoilage
  - iii. Removing and land spreading waste feed according to the facility's nutrient management plan
- Specify any practices used to conserve water, examples of which may include:
  - i. Scraping instead of flushing housing areas
  - ii. Reusing water in multiple areas of the facility, such as recycling to water and/or cool livestock
- Identify mortality odor management strategy
  - i. Reference mortality disposal section of the facility's environmental incident response plan

## **IV. Odor Complaint Protocol**

- List steps for receiving, logging and responding to odor complaints
- Establish a standard form that the facility will use to log and keep record of complaints
- You may reference or repeat this information from the facility's Environmental Incident Response Plan