

Writing Odor Management Plans

• Template for writing OMP

• First review components of OMP

• Second webinar introduce and review the OMP template

Odor Management Plan Template Resources: Michigan Agriculture Environmental Assurance Program (MAEAP) Progressive Planning Fact Sheet "Odor Management Plan" available: http://www.maeap.org/uploads/files/Livestock/Odor-Management-Plan.pdf Michigan Dept of Agriculture and Rural Development (MDARD) Site Selection GAAMPs - Appendix B "Example Odor Management Plan" available: http://www.michigan.gov/documents/mdard/2012 FINAL SITE SELECTION GAAMP 37 8548_7.pdf University of Minnesota bulletin "Preparing an Odor Management Plan" available: http://www.extension.umn.edu/distribution/livestocksystems/DI7637.html

Why an OMP

Odors are a natural factor of livestock production
All livestock farms have some level of odor

Three basic reasons why farmers write OMPs

• Farm may be taking proactive approach

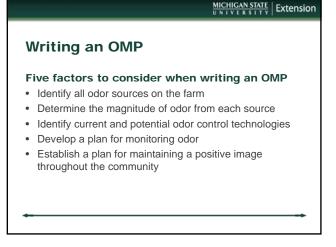
> Document current odor control measures

> Consider optional odor technologies

• In response to formal odor complaint

• Part of the plans for new or expanded facilities

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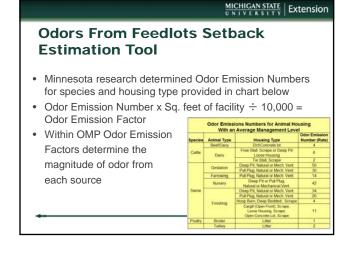


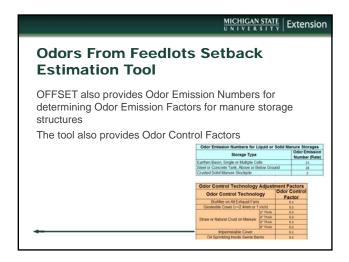


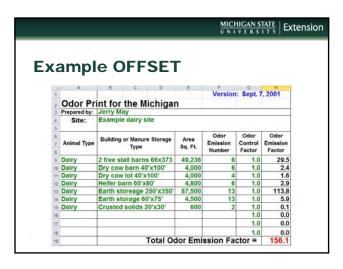
Establishing magnitude of odor

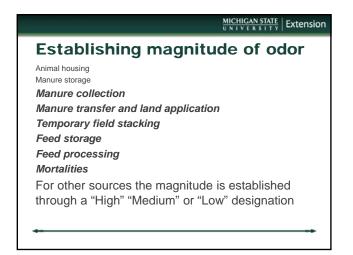
Animal housing
Manure storage
Manure collection
Manure transfer and land application
Temporary field stacking
Feed storage
Feed processing
Mortalities

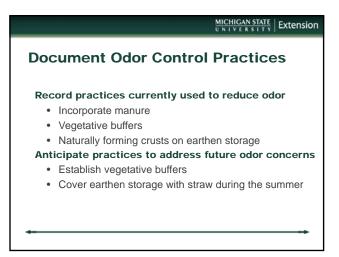
Tools such as Odors from Feedlots Setback
Estimation Tool (OFFSET) from University of
Minnesota assist with establishing the magnitude
of odor from housing and manure storage











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Identify a method for monitoring odor

Everyone has unique reaction to the same odor

Farm managers are reluctant to make changes based on one individual's concern

But they are willing to appropriately respond to legitimate concerns

Identify someone unfamiliar with the farm's odor who will be responsible for evaluating odor on an as needed basis

- Family member who works or lives in town
- Feed salesman
- Friend
- · Office employee

Enhancing image within community

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Expand circle of connections

- Volunteer for local school activities
 - Serve on local government boards or committees
- Coach youth sports
- Join local service organization

Regularly communicate with the farm's neighbors

- Host a nicnic
- Provide neighbors a farm item during holiday season
- Stop for a visit

Document these activities in the OMP

Review of the components of an OMP
Watch the second webinar on the OMP template
Complete an OMP for your farm

Questions or concerns email Jerry May at mayg@msu.edu