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GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF AGRICULTURE  
AND RURAL DEVELOPMENT

JAMIE CLOVER ADAMS  
DIRECTOR

## **ZONING ORDER** **Effective May 1, 2014**

**Establishment of Zones for Bovine Tuberculosis**  
(Identification, Testing, Certificate, and Movement Requirements)  
Pursuant to Public Act 466 of 1988, MCL 287.708 and MCL 287.709 (8-10)

**Failure to comply with requirements under this zoning order may result in penalties under MCL 287.744.**

### **Definitions**

As used in this order the following terms are defined as:

“Approved Secondary Identification Tag” means a yellow alphanumeric bangle tag issued by the Department or other unique visible identification approved by the Director.

“Cattle” means all bovine (genus *Bos*) animals, bovine-like animals (genus *Bison*) also commonly referred to as American buffalo or bison, and any cross of these species unless otherwise specifically provided.

“Freezer Beef Herd” means a cattle herd approved by the director that passes an annual inspection verifying the herd is comprised of 6 or less head in which all non-neutered cattle are of the same gender, no breeding of cattle occurs, no cattle are moved to any other premises, and all cattle are raised only for personal consumption.

“Initial Identification” means the first time an official identification is placed on an animal, whether it is for tuberculosis testing, complying with movement requirements, or any other reason.

“Michigan Licensed Livestock Auction Market” means a premises licensed as a livestock auction under Public Act 284 of 1937, as amended, MCL 287.121 – 287.131.

“USDA Approved Livestock Market” means a premises where livestock are assembled and that has been approved under Title 9, *Code of Federal Regulations* (9 CFR), Section 71.20.

“Verified Wildlife Risk Mitigation Plan” means a written plan that contains structural and management requirements intended to reduce the risk that a herd will become infected with bovine tuberculosis, that has been approved by the Department and verified by regulatory personnel to be in effect.

### **All Zones for Bovine Tuberculosis within Michigan**

#### **Livestock Inspection Check-Points**

All livestock transportation equipment (vehicles) and anyone transporting livestock shall stop at any posted Livestock and Plant Inspection Point. Cattle, bison, or privately owned cervidae that are being transported shall be accompanied by documentation of the origin of shipment, copies of the animal's registration or permit, documentation indicating the shipping destination and any other information necessary to demonstrate compliance with livestock movement requirements. Such documentation shall be produced upon the request by a law enforcement officer or the director.

**Modified Accredited Zone** – This zone includes the entirety of Alcona, Alpena, Montmorency, and Oscoda counties.

**Cattle Identification Requirements**

Initial identification of cattle, including cattle identified for TB testing or issuance of movement certificates, must utilize an RFID electronic identification ear-tag and an approved secondary identification tag.

All cattle must be identified with official RFID electronic identification eartags and an approved secondary identification tag prior to movement from a premises.

Cattle less than 15 days of age are exempt from needing an approved secondary identification tag.

Official identification tags are premises specific and may not be transferred to another premises or used on cattle not included in the herd on the premises to which the tags were issued.

**Surveillance Testing Requirements**

All cattle herds shall complete an annual whole herd bovine tuberculosis test of all cattle and bison 12 months of age and older, all non-natural additions of any age, and privately owned cervids 6 months of age or older that are in contact with the herd. Retesting of herds must be done within 9-15 months of the anniversary date of the initial whole herd test.

Any cattle herds which meet the requirements to be designated as freezer beef herds are exempt from the annual testing requirement.

**Movement Testing Requirements**

Between May 1, 2014 and January 1, 2015 all cattle moved from a premises in the Modified Accredited Zone must comply with the following:

*Movement within the Modified Accredited Zone*

- Cattle must comply with one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,
  - b) Originate from a herd which has received a whole herd test within 60 days prior to movement, or,
  - c) Receive a negative bovine tuberculosis test within 60 days prior to movement.
- Cattle less than 2 months of age may be moved if they originate from a herd that has completed a whole herd test within 12 months prior to movement.
- Cattle may be moved directly to a United States Department of Agriculture (USDA) Food Safety Inspection Service (FSIS) approved slaughter plant, or through one Michigan licensed livestock auction market to a USDA FSIS approved slaughter plant, without meeting the tuberculosis movement testing requirements.

*Movement to another Zone within Michigan*

- Cattle 2 months of age and older must comply with one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,

- b) Originate from a herd that has received a negative whole herd bovine tuberculosis test within 12 months prior to movement, and receive a negative bovine tuberculosis test within 60 days prior to movement
  - c) Steers or spayed heifers are required to only have a negative bovine tuberculosis test within 60 days prior to movement.
- Cattle less than 2 months of age may be moved if they originate from a herd that has completed a whole herd test within 12 months prior to movement.
  - Cattle may be moved directly to a USDA FSIS approved slaughter plant, or through one Michigan licensed livestock auction market to a USDA FSIS approved slaughter plant, without meeting the tuberculosis movement testing requirements.

Beginning January 1, 2015, all cattle moved from herds located within the Modified Accredited Zone must comply with the following:

*Movement within the Modified Accredited Zone*

- Cattle 2 months of age and older to be moved to any premises other than directly to a USDA FSIS approved or custom slaughter plant must originate from a herd that has been determined to have a Verified Wildlife Risk Mitigation Plan, and must comply with one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,
  - b) Originate from a herd which has received a whole herd test within 60 days prior to movement, or,
  - c) Receive a negative bovine tuberculosis test within 60 days prior to movement.
- Cattle less than 2 months of age to be moved to any premises other than directly to a USDA FSIS approved or custom slaughter plant must originate from a herd that has been determined to have a Verified Wildlife Risk Mitigation Plan, and may be moved if they originate from a herd that has completed a whole herd test within 12 months prior to movement.
- Cattle of any age that originate from a herd that has **NOT** been determined to have a Verified Wildlife Risk Mitigation Plan may only be moved directly to a USDA FSIS approved or custom slaughter plant. Such cattle may **NOT** be moved through a licensed Michigan livestock auction market or any other premises.

*Movement to another Zone within Michigan*

- Cattle 2 months of age and older to be moved to any premises other than a USDA FSIS approved or custom slaughter plant must originate from a herd that has been determined to have a Verified Wildlife Risk Mitigation Plan, and must comply with one of the following prior to movement:
  - a) Originate directly from a bovine tuberculosis accredited free herd, or,
  - b) Originate from a herd that has received a negative whole herd bovine tuberculosis test within 12 months prior to movement, and receive a negative bovine tuberculosis test within 60 days prior to movement
  - c) Steers or spayed heifers are required to only have a negative bovine tuberculosis test within 60 days prior to movement.
- Cattle less than 2 months of age to be moved to any premises other than a USDA FSIS approved or custom slaughter plant must originate from a herd that has been determined to have a Verified Wildlife Risk Mitigation Plan, and may be moved if they

originate from a herd that has completed a whole herd test within 12 months prior to movement.

- Cattle of any age that originate from a herd that has **NOT** been determined to have a Verified Wildlife Risk Mitigation Plan may only be moved directly to a USDA FSIS approved or custom slaughter plant. Such cattle may **NOT** be moved through a licensed Michigan livestock auction market or any other premises.

### **Post-Movement Testing Requirements**

A person who receives cattle 15 days of age and older from a herd located in the Modified Accredited Zone or the Modified Accredited Advanced Zone that does not have a Verified Wildlife Risk Mitigation Plan shall complete a bovine tuberculosis test on the received cattle within 60-120 days from the movement date listed on the movement certificate. For cattle sold through a Michigan licensed livestock auction market the owner identified as the purchaser on a movement certificate issued at the Michigan licensed livestock auction market, or the owner of the livestock saleyard for cattle that are not sold, are determined to be responsible for the testing.

If cattle that have not met the testing requirement are sold or transferred to another premises prior to the expiration of the testing interval, the person selling or transferring the cattle must notify the owner of the premises of destination of the testing requirement. The owner of the premises of destination of the sale or transfer shall be responsible for the required testing prior to the end of the testing interval. If the cattle have not been tested and cannot be located at the expiration of the testing interval requirement, the owner of the premises listed on the movement certificate or repermit shall be responsible for completing a whole herd bovine tuberculosis test within a time frame determined by the Director based upon the situation and operation type at that time.

### **Movement Certificate Requirements**

An official movement certificate is required to be obtained prior to movement of any cattle from any premises in the Modified Accredited Zone. Cattle moved to the USDA approved livestock market in Gaylord may move on sale day without a movement certificate if they comply with all other requirements and are delivered within designated arrival times, as designated by the director. All cattle shipped to a Michigan licensed livestock auction market must receive a new official movement certificate that identifies the final destination of movement.

Cattle being transported to another zone must be accompanied by a movement certificate(s) and the movement certificate(s) shall be produced upon the request of a law enforcement officer or the director.

The transporter of any cattle being moved within the zone must be able to immediately provide the correct permit number listed on the official movement certificate applicable to the movement upon request.

**Modified Accredited Advanced Zone** -- This zone includes Antrim, Charlevoix, Cheboygan, Crawford, Emmet, Otsego, and Presque Isle counties.

### **Cattle Identification**

Initial identification of cattle, including cattle identified for TB testing or issuance of movement certificates, must utilize an RFID electronic identification ear-tag. Official identification tags are premises specific and may not be transferred to another

premises or used on cattle not included in the herd on the premises to which the tags were issued.

All cattle must be identified with official RFID electronic identification ear-tags prior to movement from a premises.

### **Surveillance Testing Requirements**

All cattle herds must obtain a premises identification number, and be placed into a database from which herds will be selected for whole herd testing. Selection will occur on an annual cycle.

Selected herds, or herds selected as replacement for herds determined to be ineligible for testing, shall complete a whole herd bovine tuberculosis test within a time period determined by the director.

The director will select 55 herds per year for whole herd surveillance testing in the counties of Antrim, Charlevoix, Cheboygan, Emmet, and Otsego. The whole herd test must include all cattle and bison 24 months of age and older and all non-natural additions of any age, and privately owned cervids 6 months of age or older in contact with the herd.

The director will select 61 herds per year for whole herd surveillance testing in the county of Presque Isle. The whole herd test must include all cattle and bison 18 months of age and older and all non-natural additions of any age, and privately owned cervids 6 months of age or older in contact with the herd.

Any cattle herds in Presque Isle County that **DO NOT** have a verified Wildlife Risk Mitigation Plan shall complete an annual whole herd bovine tuberculosis test of all cattle and bison 18 months of age and older and all non-natural additions of any age, and privately owned cervids 6 months of age or older in contact with the herd. Retesting of herd must be done within 9-15 months of the anniversary date of the initial whole herd test.

Any cattle herds which meet the requirements to be designated as freezer beef herds, or sell all cattle directly to a USDA FSIS approved slaughter plant or through one Michigan licensed livestock auction market directly to a USDA FSIS approved slaughter plant are exempt from surveillance testing.

### **Movement Testing Requirements**

#### *Movement within the Modified Accredited Advanced Zone*

- Cattle originating from herds that have been determined to have a Verified Wildlife Risk Mitigation Plan
  - No TB testing is required for movement of cattle within the Modified Accredited Advanced Zone through a Michigan licensed livestock auction market to a final destination within the Modified Accredited Advanced Zone
- Cattle originating from herds that have been determined to **NOT** have a Verified Wildlife Risk Mitigation Plan
  - Cattle must have received a negative bovine tuberculosis test within 60 days prior to movement.
  - Cattle less than 2 months of age may be moved if they originate from a herd that is determined to not be overdue on tuberculosis surveillance testing.
  - Cattle may be moved directly to a USDA FSIS approved slaughter plant, or through one Michigan licensed livestock auction market to a USDA FSIS approved slaughter plant, without meeting the tuberculosis movement testing requirements.

### *Movement to the TB Free Zone*

- Cattle originating from herds that have been determined to have a Verified Wildlife Risk Mitigation Plan
  - No tuberculosis testing is required for movement of cattle and bison to the TB Free Zone or through a Michigan licensed livestock auction market to a final destination within the TB Free Zone.
- Cattle originating from herds that have been determined to **NOT** have a Verified Wildlife Risk Mitigation Plan
  - Cattle 2 months of age and older must have received a negative bovine tuberculosis test within 60 days prior to movement
  - Cattle may be moved to a USDA FSIS approved slaughter plant, or through one Michigan licensed livestock auction market to a USDA FSIS approved slaughter plant, without meeting tuberculosis movement testing requirements.

### *Movement to the Modified Accredited Zone*

- Cattle originating from herds that have been determined to have a Verified Wildlife Risk Mitigation Plan
  - No tuberculosis testing is required for movement of cattle and bison to the Modified Accredited Zone or through a Michigan licensed livestock auction market to a final destination within the Modified Accredited Zone.
- Cattle originating from herds that have been determined to **NOT** have a Verified Wildlife Risk Mitigation Plan
  - Cattle 2 months of age and older must have received a negative bovine tuberculosis test within 60 days prior to movement.
  - Cattle may be moved to a USDA FSIS approved slaughter plant, or through one Michigan licensed livestock auction market to a USDA FSIS approved slaughter plant, without meeting tuberculosis movement testing requirements.

### **Post-Movement Testing Requirements**

A person who receives cattle 15 days of age and older from a herd located in the Modified Accredited Zone or the Modified Accredited Advanced Zone that does not have a Verified Wildlife Risk Mitigation Plan shall complete a bovine tuberculosis test on the received cattle within 60-120 days from the movement date listed on the movement certificate. For cattle sold through a Michigan licensed livestock auction market the owner identified as the purchaser on a movement certificate issued at the Michigan licensed livestock auction market, or the owner of the livestock saleyard for cattle that are not sold, are determined to be responsible for the testing.

If cattle that have not met the testing requirement are sold or transferred to another premises prior to the expiration of the testing interval, the person selling or transferring the cattle must notify the owner of the premises of destination of the testing requirement. The owner of the premises of destination of the sale or transfer shall be responsible for the required testing prior to the end of the testing interval. If the cattle have not been tested and cannot be located at the expiration of the testing interval requirement, the owner of the premises listed on the movement certificate or repermit shall be responsible for completing a whole herd bovine tuberculosis test within a time frame determined by the Director based upon the situation and operation type at that time.

### **Movement Certificate Requirements**

An official movement certificate is required to be obtained prior to movement of any cattle from any premises in the Modified Accredited Advanced Zone. Cattle moved to the USDA approved livestock market in Gaylord may move on sale day without a movement certificate

if they comply with all other requirements and are delivered within designated arrival times, as designated by the director. All cattle shipped to a Michigan licensed livestock auction market must receive a new official movement certificate that identifies the final destination of movement.

Cattle being transported to another zone must be accompanied by a movement certificate(s) and the movement certificate(s) shall be produced upon the request of a law enforcement officer or the director.

The transporter of any cattle being moved within the zone must be able to immediately provide the correct permit number listed on the official movement certificate applicable to the movement upon request.

**Bovine Tuberculosis Free Zone** – This zone includes the remainder of Michigan.

**Cattle Identification**

All cattle must be identified with official RFID electronic identification eartags prior to movement from a premises within Michigan. Official identification tags are premises specific and may not be transferred to another premises or used on cattle not included in the herd on the premises to which the tags were issued.

**Post-Movement Testing Requirements**

A person who receives cattle 15 days of age and older from a herd located in the Modified Accredited Zone or the Modified Accredited Advanced Zone that does not have a Verified Wildlife Risk Mitigation Plan shall complete a bovine tuberculosis test on the received cattle within 60-120 days from the movement date listed on the movement certificate. For cattle sold through a Michigan licensed livestock auction market the owner identified as the purchaser on a movement certificate issued at the Michigan licensed livestock auction market, or the owner of the livestock saleyard for cattle that are not sold, are determined to be responsible for the testing.

If cattle that have not met the testing requirement are sold or transferred to another premises prior to the expiration of the testing interval, the person selling or transferring the cattle must notify the owner of the premises of destination of the testing requirement. The owner of the premises of destination of the sale or transfer shall be responsible for completing the required testing prior to the end of the testing interval. If the cattle have not been tested and cannot be located at the expiration of the testing interval requirement, the owner of the premises listed on the movement certificate or repermit shall be responsible for completing a whole herd bovine tuberculosis test within a time frame determined by the Director based upon the situation and operation type at that time.

**Movement Testing and Certificate Requirements**

Other than stated above, no tuberculosis testing or official movement certificate is required to move cattle within the bovine tuberculosis free zone, or to other zones within Michigan.

This order supersedes and replaces all prior bovine tuberculosis zoning orders. Unless otherwise specified above, this Order is effective May 1, 2014.

  
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Director  
Michigan Department of Agriculture and Rural Development

4/17/14  
Date