

# SMS Enhanced Biosecurity Plan for FMD Prevention Template: Summary of Edits September 2023

The National Milk Producers Federation (NMPF) received funding from the USDA NADPRP to add a component to the Farmers Assuring Responsible Management (FARM) Program Database for Enhanced Biosecurity. The FARM Database – Enhanced Biosecurity aligns with the content in the SMS Enhanced Biosecurity Plan resources (checklist, information manual, and templates) available on the SMS website. It includes each item in the SMS Self-Assessment Checklist for Enhanced Biosecurity for FMD Prevention with guidance to write operation specific steps. Four of those sections include the Biosecurity Performance Standards for Raw Milk Collection and Transport.

During the creation and testing of the FARM Biosecurity Database, some minor grammatical errors, clarifications, repetitive statements, and three omissions were noted in the Enhanced Biosecurity Plan templates (TYPE, WRITE) on the SMS website. Two additional labeled map details are suggested to help orient others less/unfamiliar with the dairy premises to improve understanding of the farm layout.

To ensure alignment and transparency in edits, each is listed below (**bold** indicates new; ~~cross-out~~ indicates deleted). These edits do not impact the SMS Self-Assessment Checklist or Biosecurity Performance Standards; therefore, those document creation dates remain 2017.

## SCOPE OF BIOSECURITY PLAN

Added the websites for Secure Sheep and Wool and Secure Goat, Milk, and Mohair Supply Plans.

\*Animals that are susceptible to FMD include cattle, pigs, sheep and goats. For biosecurity guidance **for those species**, see [www.securebeef.org](http://www.securebeef.org), [www.securepork.org](http://www.securepork.org), [www.securesheepwool.org](http://www.securesheepwool.org), and [www.securegoat.org/](http://www.securegoat.org/).

## 2. TRAINING

The Biosecurity Manager(s) informs individuals ~~entering the operation~~ **crossing the line of separation (LOS)**...

## 3. PROTECTING THE DAIRY OPERATION

### Cleaning and Disinfection (C&D) Station

The following individuals have received documented training...

- [Name **or Job Position**]

### Designated Parking Area

The designated parking area is clearly marked **on the premises** with...

## 5. PERSONNEL

- For individuals living off-site, after showering...

Essential personnel who will need to cross the LOS during an FMD outbreak include:

- List essential positions [e.g., Milkers, **Manager**, Parlor Manager, **Herdsman/person**, Feeder, Milk Haulers, Veterinarian, **Dairy Service**, etc.]

## 7. ANIMAL PRODUCTS

## Milk Collection

Under **Milk truck/tanker**, repetitive statement removed (also listed under **Milk Samples** – kept there)

- This dairy operation uses milk trucks/tankers that haul commingled loads.
  - C&D Station personnel are responsible for inspecting the milk tanker storage compartment and external surfaces for milk leakage during transit.
    - ~~Milk samples are transported in a plastic sealable bag whose exterior can be disinfected if it becomes visibly contaminated.~~

Under **Milk haulers/drivers**, repetitive statements removed

- EXITS the cab but does not cross the LOS.
  - Wears gloves and protective footwear provided by [the hauler OR the dairy]
  - Wears gloves provided by [hauler **OR** the dairy] when handling any equipment that remains on farm.
  - ~~Wears gloves and protective footwear that [the hauler **OR** the dairy] provides~~

Under **Milk haulers/drivers**, a new section was added for those that need to walk across the Line of Separation to complete their tasks as described in the Biosecurity Performance Standards for Raw Milk Collection and Transport, 2017. These risk mitigation steps for FMD were omitted in previous templates:

- EXITS the cab and crosses the LOS
  - ~~Connects truck-mounted hose to truck/tanker prior to crossing the LOS~~
  - ~~Receives farm-dedicated transfer hose across LOS and connects to truck before crossing LOS~~
  - ~~Puts on gloves and protective footwear provided by the hauler at the LOS~~
  - ~~Puts on gloves and protective footwear provided by the dairy at the LOS~~
  - ~~Samples, weighs, and pumps milk~~
  - ~~Has no direct contact with farm personnel, animal housing, animals, or milk products to be fed to susceptible animals~~

## 8. CARCASS DISPOSAL

In the event ~~of~~ or a large number...

## 10. RODENT, WILDLIFE, AND OTHER ANIMAL CONTROL

- This ~~operation~~ **premises** utilizes

### LABELED PREMISES MAP

In the 2017 Enhanced Biosecurity Plan template, under Animal Movement, a recommendation was made to “label the animal loading/unloading area on the map”. A symbol and label were never provided. It has been added with the suggestion of a pink star.

### **Animal Loading/Unloading**

The two additional details to consider including are:

- The letter N and arrow as a **compass indicating North** (use a color that stands out on the map – yellow in example)
- **Label animal housing areas, feed areas, manure storage**

An updated legend and new example labeled premises map was included to reflect these changes.