

## SMS Premises Map Worksheet Example 1



### Farm Overview

- Milking over 1500 cows
- Cheese manufacturing plant on site open to public sales (lots of visitor traffic)
- 28 Employees
- Ship 1.5 to 2 loads of milk per day (pick up at 8am and noon)
  - Single loads of milk from dairy to processing plant (must arrive by 3pm)
  - Dedicated milk hauler (only hauls this dairy's milk)
  - Truck mounted hose
    - Hose not used to off-load milk at processing plant
  - Milk tanker interior sanitized after last off-load (once per day)
  - Milk tanker exterior could be washed in processing plant receiving bay in an outbreak (not in peace time)
  - 20% of fluid milk processed on site January-June in cheese plant
  - Drive path to milk house is shared with vehicles used on-farm in animal areas
- Receive raw milk from other area dairies direct to cheese plant
- Receive feed deliveries (commodities) once a day
- Springing heifers raised on another dedicated premises and return once per week
- Two feed trucks; one dedicated to farm in an outbreak and other delivers to heifers and satellite dairy
- Fuel delivered once per week
- Propane delivered monthly (tank near milk house)
- Garbage picked up once per week (dumpster near milk house)
- Dead animals are composted on site
- The farm is built on a hill with rough terrain throughout the pastures.
- A very active railroad track must be crossed to get onto the dairy.

Use the information and label a Line of Separation (LOS), LOS Access Point(s), Cleaning and Disinfection Station, Milk Truck Route, & Carcass Disposal



# Proposed Line of Separation (LOS) based on farm layout, inputs, capabilities of cleaning and disinfection



### **LOS Access Point(s)**

Entry to the operation is restricted to 1 controlled LOS Access Point where the feed truck and other essential deliveries will enter. The milk tanker does NOT cross the LOS. Employees can park outside the LOS in front of the event center where they will change footwear and clothing before entering the operation. Deliveries not essential to the operation are delivered to the house outside the operation. The garbage truck will not enter; the dumpster will be moved to the edge of the LOS.

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

There is an operational, clearly marked, and equipped C&D station located in front of the gated entrance and it is labeled on the premises map by the green diamond. The wash pad for the C&D station is made of pavement and slopes AWAY from animal housing, feed receiving or storage areas, waterways, and on-farm traffic areas. This operation uses buffer strips and a holding pond to manage effluent from the C&D area to ensure susceptible animals are not exposed. Effluent from the C&D Station is managed following all state and local regulations.

### **Milk Collection**

The drive path from the LOS Access Point to the milk house is made of pavement and is free of animal excrement and labeled on the premises map at the end of this plan. **The milk truck/tanker** crosses the LOS and the truck/tanker is cleaned and disinfected (C&D) at the LOS Access Point. This dairy operation only uses milk trucks/tankers that haul milk from this operation. **The milk transfer hose** is truck mounted. Contamination from residual raw milk from other dairies is minimized. Transfer hose undergoes exterior C&D when crossing the LOS. The milk hauler/driver

- ✓ EXITS their clean cab on the cattle side of the LOS
- ✓ Wears gloves and protective footwear provided by farm.
- ✓ Samples, weighs, and pumps milk.
- ✓ Has no direct contact with farm personnel, animals, or milk products to be fed to susceptible animals.

### **Carcass Disposal**

In an FMD outbreak, dead animals are disposed of by compost which prevents the attraction of wildlife, rodents, and other scavengers, and is in accordance with state and federal laws. Rendering trucks will not be allowed to cross the LOS.

### **Feed**

In an outbreak, feed trucks delivering feedstuffs would be augered across the LOS into a farm vehicle/feed wagon located on-site. A dedicated feed wagon will remain on-site to deliver feed to the cattle.

