



## YOLO-SOLANO AIR QUALITY MANAGEMENT DISTRICT

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### **SUPPLEMENTAL FORM 712 EMISSIONS MITIGATION PLAN (EMP) - DAIRY PARTICULATE MATTER (PM10)**

Dairies that incorporate all of the emission mitigation measures listed below shall satisfy the Particulate Matter (PM10) Emissions Mitigation Plan and Best Available Retrofit Control Technology (BARCT) requirements of District Rule 11.2 - Confined Animal Facilities Permit Program.

Note: If you believe an emission mitigation measure is not applicable to your dairy, please include a separate page(s) explaining why the emission mitigation measure is not applicable.

#### **CORRAL / MANURE HANDING MEASURES**

1. Sprinkling of open corrals (ensure adequate corral surface moisture level).
2. Frequent scraping and/or manure removal.
3. Freestall housing.
4. Fibrous material layer in corral(s).
5. Pull-type manure harvesting equipment (even corral surface).
6. Scraping / harrowing in morning (AM) hours only.
7. Shaded areas in open corrals.

#### **OVERALL MANAGEMENT / FEEDING MEASURES**

1. Bulk materials control (i.e. tarp cover, apply water, wind barriers)
2. Feeding young-stock during evening hours.
3. Wet feed during mixing.
4. Place wet feed material before dry feed material in feedwagon prior to mixing (mix wet feed with dry feed).
5. Downwind shelterbelts / boundary trees (i.e. plant rows of vegetation around dairy to create a wind barrier).