



**YOLO-SOLANO AIR QUALITY MANAGEMENT DISTRICT**

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**SUPPLEMENTAL FORM 710  
 CONFINED ANIMAL FACILITY (CAF) - DAIRY**

**1. NUMBER OF COWS:** Please list the number of cows that can be housed at your dairy in each type of housing based on the current as-built capacity.

	Flushed Freestalls	Scraped Freestalls	Vacuumed Freestalls	Flushed Corrals	Scraped Corrals	Vacuumed Corrals	Other: _____
Milk Cows							
Dry Cows							
Heifers (15-24 months)							
Heifers (7-14 months)							
Heifers (3-6 months)							
Calves (under 3 months)							
Mature Bulls							

Current total number of head: \_\_\_\_\_

Maximum number of head (as-built capacity): \_\_\_\_\_

Breed(s) of Cow: \_\_\_\_\_

**2. FREESTALLS:** [ ] Check here if N/A

Total number of freestall barns at the dairy: \_\_\_\_\_

Number of stalls in each freestall:  
 \_\_\_\_\_

Number of times freestall lanes & walkways are flushed/scraped vacuumed each day: \_\_\_\_\_

**3. OPEN CORRALS:**

[ ] *Check here if N/A*

Total number of open corrals at the dairy: \_\_\_\_\_

Are there shades in the open corral(s)? [ ] YES [ ] NO

Number of times corral lanes are flushed/scraped/vacuumed each day: \_\_\_\_\_

How often is manure removed from the open corrals? \_\_\_\_\_

**4. BABY CALVES:** (under 3 months)

[ ] *Check here if N/A*

Are baby calves housed in calf hutches? [ ] YES [ ] NO

How are the calves housed?

[ ] Directly on the soil/floor [ ] On top of grates [ ] Other: \_\_\_\_\_

**5. OTHER COW HOUSING FACILITIES:** (check all that apply)

[ ] *Check here if N/A*

[ ] Special Needs/Maternity Housing [ ] Bulls [ ] Other: \_\_\_\_\_

**6. MILKING CENTER(S):**

Number of milking centers at the dairy: \_\_\_\_\_

Milking Center (Main/General)

Type of Milking Center:

[ ] Parallel [ ] Herringbone [ ] Rotary [ ] Other: \_\_\_\_\_

Number of milking stalls: \_\_\_\_\_

How many times are the cows milked per day? \_\_\_\_\_

Frequency milking center is flushed:

[ ] Continuous [ ] After Each Milking [ ] Other: \_\_\_\_\_

Milking Center (Secondary/Hospital Milking Center/Special Needs)

[ ] *Check here if N/A*

Type of Milking Center:

[ ] Parallel [ ] Herringbone [ ] Rotary [ ] Other: \_\_\_\_\_

Number of milking stalls: \_\_\_\_\_

How many times are the cows milked per day? \_\_\_\_\_

Frequency milking center is flushed:

[ ] Continuous [ ] After Each Milking [ ] Other: \_\_\_\_\_

**7. WASTE HANDLING:** (check all that apply)

- |                                                                 |                                                  |
|-----------------------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Anaerobic Treatment Lagoon(s)          | <input type="checkbox"/> Mechanical Separator(s) |
| <input type="checkbox"/> Aerated Lagoon(s)                      | <input type="checkbox"/> Composting              |
| <input type="checkbox"/> Anaerobic Digester(s) (covered lagoon) | <input type="checkbox"/> Manure Stock Piles      |
| <input type="checkbox"/> Lagoon(s)                              | <input type="checkbox"/> Land Application        |
| <input type="checkbox"/> Storage Pond(s)                        | <input type="checkbox"/> Off-site Disposal       |
| <input type="checkbox"/> Settling Basin(s)                      | <input type="checkbox"/> Other:                  |
| <input type="checkbox"/> Weeping Wall(s)                        |                                                  |

**8. LIQUID MANURE HANDLING:**

Check here if N/A

Number of mechanical separators: \_\_\_\_\_

Are separators equipped with dewatering presses?  YES  NO

Describe what is done with separated solids after removal in the area provided below.

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Number of settling basins/weeping walls at your dairy: \_\_\_\_\_

Specify, in the area provided below, the size (length x width x depth) of each settling basin/weeping wall.

Number of storage ponds at your dairy: \_\_\_\_\_

Specify, in the area provided below, the size (length x width x depth) of each storage pond.

Number of lagoons at your dairy: \_\_\_\_\_

Specify, in the area provided below, the size (length x width x depth) of each lagoon.

What controls are associated with the lagoon? (attach relevant information and specifications)

None     Aerators     Covered Lagoon     Other: \_\_\_\_\_  
 Emissions vented to control device (specify, e.g. flare, IC engine, etc.): \_\_\_\_\_

**9. SOLID MANURE MANAGEMENT/STORAGE:**  Check here if N/A

How is solid manure stored at your dairy?

Open Piles     Covered (tarpred piles)     Other: \_\_\_\_\_

Is solid manure applied to your cropland?

YES, how often? (e.g. twice/year) \_\_\_\_\_  NO

Is solid manure hauled off-site?

YES, how often? (e.g. twice/year) \_\_\_\_\_  NO

Describe other practices that are used at your dairy to handle solid manure, if applicable, in the area provided below.

**10. COMPOSTING:**  Check here if N/A

If your farm composts manure, what type of composting is done?

Aerated Static Pile (ASP)     Enclosed ASP (e.g., building Ag-bag, Gore Cover, etc.)  
 Windrow     Other: \_\_\_\_\_

**11. ON-FIELD ACTIVITIES:**  Check here if N/A

How many acres of crop-land, that you farm, are contiguous to your dairy?  
(Include crops separated by roads & avenues) \_\_\_\_\_

What methods are used to apply manure to your land? (check all the apply)

Flood Irrigation     Solid Spreading     Liquid Injection     Sprinkler Irrigation  
 Furrow Irrigation     Other: \_\_\_\_\_

Is solid manure incorporated immediately after application?    YES    NO