San Joaquin Valley Air Pollution Control District
Supplemental Application Form

Initial Permit Application for Dairy Farms

If possible, please submit up-to-date site plans drawn to scale with this application form.

<table>
<thead>
<tr>
<th>Permit to be issued to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location of Dairy:</td>
</tr>
<tr>
<td>County:</td>
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</tbody>
</table>

1. Please list the number of cows currently at your dairy in each type of housing:

<table>
<thead>
<tr>
<th>Type of Housing</th>
<th>Flushed Freestalls</th>
<th>Scraped Freestalls</th>
<th>Vacuumed Freestalls</th>
<th>Flushed Corral Feedlanes</th>
<th>Scraped Corral Feedlanes</th>
<th>Vacuumed Corral Feedlanes</th>
<th>Other:</th>
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</thead>
<tbody>
<tr>
<td>Milk Cows</td>
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<tr>
<td>Dry Cows</td>
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<tr>
<td>Heifers (15 - 24 months)</td>
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<tr>
<td>Heifers (7 - 14 months)</td>
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<tr>
<td>Heifers (4 - 6 months)</td>
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<tr>
<td>Calves (0 - 3 months)</td>
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<tr>
<td>Mature Bulls</td>
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Total Herd: | Breed of Cow: |

2. Please list the maximum number of cows that can be housed at your dairy in each type of housing based on the current as-built capacity:

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Total Herd: | Breed of Cow: |
### 3. Cow Housing

**Freestall Barns:**

- Total number of freestall barns at the dairy: [N/A]
- Number of stalls in each freestall: [N/A]
- Number of times freestall lanes & walkways are flushed/scraped/vacuumed each day: [N/A]

**Calves (0 - 3 months): Only list calves housed on site or on property contiguous to your dairy.**

- How are the calves housed?
  - [ ] Directly on the soil/floor/with hutches
  - [ ] Directly on the soil/floor/no hutches
  - [ ] On top of grates
  - [ ] Combination

**Other Cow Housing Facilities (check all that apply)**

- [ ] Special Needs/Maternity Housing
- [ ] Bulls
- [ ] Other: [N/A]

### 4. Milking Center(s)

**Milking Center #1**

- How many milking centers are there at the dairy? [N/A]
- Type of Milking Center:
  - [ ] Parallel
  - [ ] Double Parallel
  - [ ] Herringbone
  - [ ] Rotary
  - [ ] Flat Barn
  - [ ] Carousel
  - [ ] Other [N/A]
- Number of milking stalls: [N/A]
- How many times are the cows milked per day? [N/A]
- Frequency milking center flushed?
  - [ ] Continuous
  - [ ] After Each Milking
  - [ ] Other [N/A]

**Milking Center #2**

- Type of Milking Center:
  - [ ] Parallel
  - [ ] Double Parallel
  - [ ] Herringbone
  - [ ] Rotary
  - [ ] Flat Barn
  - [ ] Carousel
  - [ ] Other [N/A]
- Number of milking stalls: [N/A]
- How many times are the cows milked per day? [N/A]
- Frequency milking center flushed?
  - [ ] Continuous
  - [ ] After Each Milking
  - [ ] Other [N/A]

### 5. Waste Handling (check all that apply)

- [ ] Anaerobic Treatment Lagoon(s)
- [ ] Mechanically Mixed/Stirred Lagoon(s)
- [ ] Anaerobic Digester(s) (Covered Lagoon)
- [ ] Phototropic Lagoon(s) (Purple Sulfur)
- [ ] Lagoon(s)
- [ ] Storage Pond(s)
- [ ] Settling Basins(s)
- [ ] Weeping Wall Cells(s)
- [ ] Mechanical Separator(s)
- [ ] Composting
- [ ] Manure Stock Piles
- [ ] Land Application
- [ ] Off-site Disposal
- [ ] Other [N/A]

### 6. Liquid Manure Handling

- [ ] Check here if this section does not apply
- Number of mechanical separators: [N/A]
- Are separators equipped with dewatering presses? [ ] Yes [ ] No
- How many settling basins/weeping walls are at your farm? [N/A]
- What is the size of each settling basin/weeping wall cell (Length x Width x Depth)?
  - [N/A]
- How many manure lagoons are on your farm? [N/A]
- What is the size of each lagoon (Length x Width x Depth)?
  - [N/A]
- How many storage ponds are on your farm? [N/A]
- What is the size of each storage pond (Length x Width x Depth)?
  - [N/A]
- What controls are associated with the lagoon(s)? (Attach relevant information and specifications.)
  - [ ] None
  - [ ] Aerators
  - [ ] Covered Lagoon
  - [ ] Other: [N/A]
7. Solid Manure Management/Storage
☐ Check here if this section does not apply

How is solid manure stored at your farm after it is removed from the corrals?
☐ Open Piles  ☐ Covered (tarped) piles  ☐ Other ________________

8. Composting
☐ Check here if this section does not apply

If your farm composes manure, then what type of composting is done?
☐ None  ☐ Windrow  ☐ Aerated Static Pile (ASP)  ☐ Enclosed ASP (e.g., Building, AgBag, Gore Cover, etc)
☐ Other ____________________________________________________________

9. On-field Activities
☐ Check here if this section does not apply

What methods are used to apply manure to your land? (check all that apply)
☐ Flood Irrigation  ☐ Solid Spreading  ☐ Liquid Injection  ☐ Sprinkler Irrigation  ☐ Furrow Irrigation
☐ Other ____________________________________________________________

Is solid manure incorporated immediately after application? ☐ Yes  ☐ No

10. Feed
☐ Check here if this section does not apply

What methods are used to store feed? (check all that apply)
☐ Covered Feed Storage/Commodity Barns  ☐ Covered Silage Piles (except the face)  ☐ Completely Uncovered Silage Piles  ☐ Ag Bags
☐ Dry Grain Tanks  ☐ Bins  ☐ Silos  ☐ Other

If silage piles are used, complete the following table:

<table>
<thead>
<tr>
<th>Feed type (e.g. corn, alfalfa)</th>
<th>Number of Piles</th>
<th>Maximum Pile Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>height (ft), base width (ft)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>height (ft), base width (ft)</td>
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<tr>
<td></td>
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<td></td>
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</table>

How many piles of this type will have an open face at any given time (maximum number)?

________ft, _______ft

________ft, _______ft

________ft, _______ft

________ft, _______ft

________ft, _______ft

11. Other Equipment
☐ Check here if this section does not apply

Note: If you have contiguous farmland or have any of the following equipment on site, please fill out the appropriate supplemental form(s).

☐ Stationary IC Engines (> 50 hp) ☐ Gasoline Tanks (> 250 gal) ☐ Coating/Painting ☐ Sandblasting
☐ Other ________________________

12. Conservation Management Practice (CMP) Plan

If your dairy has more than 500 mature cows at any time or has more than 100 acres of contiguous farmed cropland, then a CMP Plan must be submitted.

Has a CMP been submitted for your dairy pursuant to District Rule 4550? ☐ Yes  ☐ No  ☐ N/A

If a CMP plan is required but has not yet been submitted, please submit applicable CMP for your dairy and farmland. For more information on CMP plans, you may visit the District website: www.valleyair.org