

**San Joaquin Valley Air Pollution Control District
Supplemental Application Form**

**Permit Application for Dairy Farms
Modification to Manure Handling**

This form must be accompanied by a completed Application for Authority to Construct and Permit to Operate form

Permit to be issued to:

Waste Handling
(check all that apply)

- Anaerobic Treatment Lagoon(s) Aerobic Treatment Lagoon(s)
 Anaerobic Digester(s) Storage Pond(s) Processing Pit(s) Composting
 Manure Stock Piles Land Application Off-site Disposal
 Other _____

Please attach a complete process description of the dairy, including the entire flush process.

Solids Separation Prior to Modification

Mechanical Separator N/A

Number of mechanical separators: _____ Are separators equipped with a dewatering presses? Yes No

How often is the separated solids pile removed? _____

What is done with separated solids after removal? _____

Settling Basins/Weeping Walls N/A

Number of settling basins/weeping walls: _____

What is the size of each settling basin/weeping wall (L x W x D)? _____, _____

What is the drying time of each settling basin/weeping wall: _____, _____

How often are the settling basins/weeping walls cleaned out: _____, _____

Solids Separation After Modification

Mechanical Separator Same as Prior to Mod. N/A

Number of mechanical separators: _____ Are separators equipped with a dewatering presses? Yes No

How often is the separated solids pile removed? _____

What is done with separated solids after removal? _____

Settling Basins/Weeping Walls Same as Prior to Mod. N/A

Number of settling basins/weeping walls: _____

What is the size of each settling basin/weeping wall (L x W x D)? _____, _____

What is the drying time of each settling basin/weeping wall: _____, _____

How often are the settling basins/weeping walls cleaned out: _____, _____

Processing Pit(s) Prior to Modification	<input type="checkbox"/> N/A
Number of processing pits at the dairy: _____	
Dimensions of each processing pit (L x W x D)? _____, _____, _____	

Processing Pit(s) After Modification	<input type="checkbox"/> Same as Prior to Mod.	<input type="checkbox"/> N/A
Number of processing pits at the dairy: _____		
Dimensions of each processing pit (L x W x D)? _____, _____, _____		

Lagoon(s)/Anaerobic Treatment Lagoon(s) Prior to Modification	<input type="checkbox"/> N/A
*Anaerobic treatment lagoons must be designed in accordance with NRCS specifications, please fill in the information below.	
Number of treatment lagoons: _____	
Amount of fresh water introduced into the milking center each day: _____ (gal or gal/milk cow)	
Dimensions of each lagoon (Length x Width x Depth): _____, _____, _____	
Freeboard depth of each lagoon: _____, _____, _____, _____	
Slope of each lagoon: _____, _____, _____, _____	
What controls are associated with the treatment lagoon? (Attach relevant information and specifications.)	
<input type="checkbox"/> None <input type="checkbox"/> Aerators <input type="checkbox"/> Covered Lagoon <input type="checkbox"/> Other: _____	
<input type="checkbox"/> Emissions vented to control device (specify e.g., Flare, IC Engine, etc): _____	

Lagoon(s)/Anaerobic Treatment Lagoon(s) After Modification	<input type="checkbox"/> Same as Prior to Mod.	<input type="checkbox"/> N/A
*Anaerobic treatment lagoons must be designed in accordance with NRCS specifications, please fill in the information below.		
Number of treatment lagoons: _____		
Amount of fresh water introduced into the milking center each day: _____ (gal or gal/milk cow)		
Dimensions of each lagoon (Length x Width x Depth): _____, _____, _____		
Freeboard depth of each lagoon: _____, _____, _____, _____		
Slope of each lagoon: _____, _____, _____, _____		
What controls are associated with the treatment lagoon? (Attach relevant information and specifications.)		
<input type="checkbox"/> None <input type="checkbox"/> Aerators <input type="checkbox"/> Covered Lagoon <input type="checkbox"/> Other: _____		
<input type="checkbox"/> Emissions vented to control device (specify e.g., Flare, IC Engine, etc): _____		

Storage Pond(s) Prior to Modification	<input type="checkbox"/> N/A
Number of storage ponds: _____	
Dimensions of each storage pond (Length x Width x Depth): _____, _____, _____, _____, _____	

Storage Pond(s) After Modification	<input type="checkbox"/> Same as Prior to Mod.	<input type="checkbox"/> N/A
Number of storage ponds: _____		
Dimensions of each storage pond (Length x Width x Depth): _____, _____, _____, _____, _____		

Solid Manure Management/Storage	<input type="checkbox"/> Check here if this section does not apply
Describe what is done with scraped/vacuumed manure? <input type="checkbox"/> N/A _____	
Are open corrals harrowed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If open corrals are harrowed, how often: _____	
How is solid manure stored at your farm? <input type="checkbox"/> Open Piles <input type="checkbox"/> Covered (tarp) piles <input type="checkbox"/> Other _____	
Is solid manure applied to your cropland? <input type="checkbox"/> Yes <input type="checkbox"/> No	Is solid manure hauled off-site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Where is the manure hauled? _____	
What other practices are used to handle solid manure? _____	

On-field Activities	<input type="checkbox"/> Check here if this section does not apply
How many acres of cropland 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 that apply)	
<input type="checkbox"/> Flood Irrigation <input type="checkbox"/> Solid Spreading <input type="checkbox"/> Liquid injection <input type="checkbox"/> Sprinkler Irrigation <input type="checkbox"/> Furrow Irrigation <input type="checkbox"/> Other _____	
Is solid manure incorporated immediately (i.e. within one hour) after application? <input type="checkbox"/> Yes <input type="checkbox"/> No	

Composting
If composting is being proposed, which of the following is used?
<input type="checkbox"/> None <input type="checkbox"/> Windrow <input type="checkbox"/> Aerated Static Pile (ASP) <input type="checkbox"/> Enclosed ASP (e.g., Building, AgBag, Gore Cover, etc) <input type="checkbox"/> Negatively Aerated Static Pile <input type="checkbox"/> Enclosed Negatively Aerated Static Pile <input type="checkbox"/> Other _____
<small>*Please attach a detailed process description of your composting operation. Note: Uncontrolled windrow composting may not be allowed for new or modifying operations within the District because of the potential to emit significant emissions.</small>