

**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 Authority to Construct/Permit to Operate Application form*

**Permit to be issued to:**

<b>Waste Handling</b> (check all that apply)	<input type="checkbox"/> Anaerobic Treatment Lagoon(s) <input type="checkbox"/> Aerobic Treatment Lagoon(s) <input type="checkbox"/> Anaerobic Digester(s) <input type="checkbox"/> Storage Pond(s) <input type="checkbox"/> Processing Pit(s) <input type="checkbox"/> Composting <input type="checkbox"/> Manure Stock Piles <input type="checkbox"/> Land Application <input type="checkbox"/> Off-site Disposal <input type="checkbox"/> Other _____ <b>Please attach a complete process description of the dairy, including the entire flush process.</b>
---	--

**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: \_\_\_\_\_, \_\_\_\_\_

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

<b>Processing Pit(s) After Modification</b>	<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)? _____, _____, _____		

<b>Lagoon(s)/Anaerobic Treatment Lagoon(s) Prior to Modification</b>	<input type="checkbox"/> N/A
<small>*Anaerobic treatment lagoons must be designed in accordance with NRCS specifications, please fill in the information below.</small>	
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): _____	

<b>Lagoon(s)/Anaerobic Treatment Lagoon(s) After Modification</b>	<input type="checkbox"/> Same as Prior to Mod.	<input type="checkbox"/> N/A
<small>*Anaerobic treatment lagoons must be designed in accordance with NRCS specifications, please fill in the information below.</small>		
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): _____		

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

<b>Storage Pond(s) After Modification</b>	<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): _____, _____, _____, _____, _____		

<b>Solid Manure Management/Storage</b>	<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 (tarpred) 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? _____	

<b>On-field Activities</b>	<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	

<b>Composting</b>
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>