

San Joaquin Valley  
Air Pollution Control District

# Permit Determination

for

## Agricultural Operations

This automated form determines permitting requirements for gasoline storage tanks, IC engines, dairy operations, cattle feedlots, swine facilities, egg ranches, poultry ranches, and silage piles. The results will be displayed on page 5.

For further information, please contact the District Business Assistance:

1990 E Gettysburg Ave  
Fresno, CA 93726-0244  
(559) 230-5888

**Gasoline Storage Tanks:**

If you have any gasoline storage tanks, please enter the number of gallons of gasoline (not diesel, propane, nor lpg) dispensed annually.

Aboveground Tanks: \_\_\_\_\_

Belowground Tanks: \_\_\_\_\_

**Internal Combustion Engines (> 50 bhp):**

If stationary spark-ignited (gasoline, LPG, or natural gas) or compression-ignited (diesel) engines are used in your operation, please enter either 1) the combined horsepower for each category and the average annual hours of operation for each engine or 2) the total annual fuel consumption for each category of engines.

Only include engines with rated horsepower greater than 50 bhp.

	Total Horsepower (BHP)	Annual Hours (average per engine)		Total Annual Fuel Consumption
Diesel (TIER 0):	_____	_____	OR	_____ gal/yr
Diesel (TIER 1):	_____	_____	OR	_____ gal/yr
Diesel (TIER 2):	_____	_____	OR	_____ gal/yr
Diesel (TIER 3):	_____	_____	OR	_____ gal/yr
Diesel (TIER 4i):	_____	_____	OR	_____ gal/yr
Diesel (TIER 4f):	_____	_____	OR	_____ gal/yr
Diesel (Unknown):	_____	_____	OR	_____ gal/yr
Spark (Rich Burn):	_____	_____	OR	_____ therm/yr
Spark (Lean Burn):	_____	_____	OR	_____ therm/yr
Spark (Unknown/ Above 4702 limits):	_____	_____	OR	_____ therm/yr

**Dairy Operation:**

Please enter the maximum number of dairy cows your dairy operation can house based on the as built design capacity of the dairy .

Milking Cows: \_\_\_\_\_

Dry Cows: \_\_\_\_\_

Heifers(15-24 months): \_\_\_\_\_

Heifers (7-14 months): \_\_\_\_\_

Heifers (4-6 months): \_\_\_\_\_

Calves (<3 months): \_\_\_\_\_

Bulls: \_\_\_\_\_

**Cattle Feedlot:**

Please enter the maximum number of cattle your feedlot can accommodate based on the as built design capacity of the feedlot.

Feeder Cattle: \_\_\_\_\_

**Swine Facility:**

Please enter the maximum number of swine your facility can accommodate based on the as built design capacity of the facility.

Swine: \_\_\_\_\_

**Egg Ranch:**

Please enter the maximum number of laying hens your ranch can accommodate based on the as built design capacity of the ranch.

Laying Hens: \_\_\_\_\_

**Poultry Ranch:**

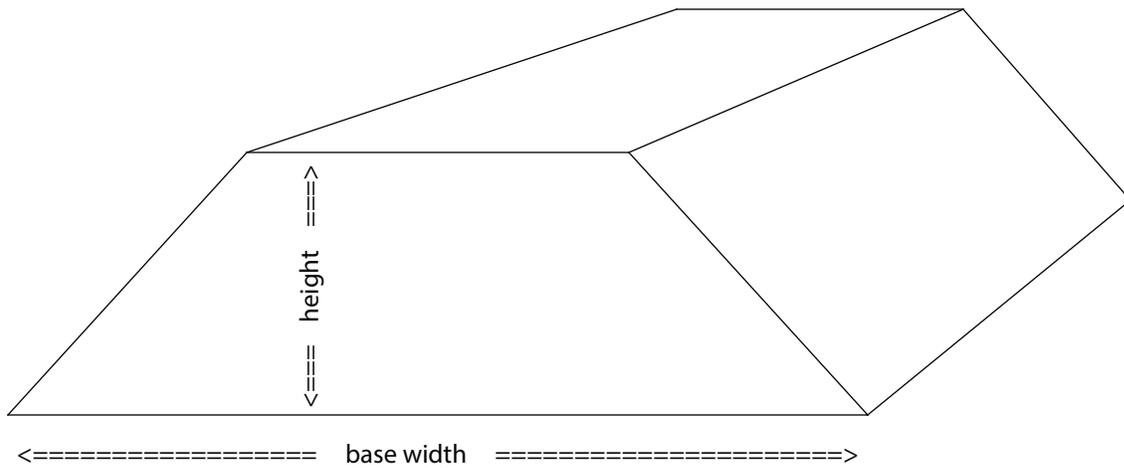
Please enter the maximum number of birds at your ranch at any one time and the number of days the poultry houses are empty each year.

	# of Birds	# Empty Days
Broiler Chickens:	_____	_____
Turkeys:	_____	_____
Ducks:	_____	_____

**Silage:**

If you have any silage piles, please enter the number of silage piles, average height, and average width.

	# piles	height (ft)	base width (ft)	calculated cross-section area (sq.ft.)
Corn:	_____	_____	_____	
Alfalfa:	_____	_____	_____	
Wheat/Oat:	_____	_____	_____	



# Requirements

# Calculation Worksheet (District Use Only)

Total NOx: \_\_\_\_\_ ton/yr

Total VOC: \_\_\_\_\_ ton/yr

Total TV VOC: \_\_\_\_\_ ton/yr

<input type="checkbox"/> half_major_source		<u>NOx</u>	<u>VOC</u>	<u>VOC (TV)</u>
<input type="checkbox"/> ic_engine > 50 bhp	Dairy Operation (lb/yr)		_____	_____
<input type="checkbox"/> milking_cows => 500	Cattle Feedlot (lb/yr)		_____	
<input type="checkbox"/> feedercattle => 3,500	Swine (lb/yr)		_____	
<input type="checkbox"/> other_cattle=> 7,500	Silage (lb/yr)		_____	
<input type="checkbox"/> chickens => 400,000	Bunker Feed (lb/yr)		_____	
<input type="checkbox"/> turkeys => 100,000	Egg Ranch (lb/yr)		_____	
<input type="checkbox"/> ducks => 400,000	Poultry Ranch (lb/yr)		_____	
<input type="checkbox"/> swine => 3,000	Storage Tanks (lb/yr)		_____	_____
	IC Engines (lb/yr)	_____	_____	_____
	Total (ton/yr)	_____	_____	_____

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permits required

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