



What You Must Know About Agricultural Air Quality Regulations

Funded in part by USDA—Natural Resources Conservation Service

Agriculture Improving Resources - September/October 2010

San Joaquin Valley Air Pollution Control District Regulations for Farms/CAFOs

A.I.R. Quality Workshops

Morning Workshop: 9:30 am
Afternoon Workshop: 1:00 pm

San Joaquin County (3 workshops)

Tuesday, October 5, 9:30am–12:30 pm
Tuesday, October 5, 1pm–4pm
Thursday, November 4, 1pm–4pm
Robert J. Cabral Ag Center Conference Room
2101 E. Earhart Ave, Stockton

Stanislaus County (3 workshops)

Tuesday, September 21, 9:30am–12:30 pm
Friday, October 15, 9:30am–12:30 pm
Friday, October 15, 1pm–4 pm
Stanislaus County Ag Center Harvest Hall
3800 Cornucopia Way, Modesto

Merced County (3 workshops)

Wednesday, October 6, 9:30am–12:30 pm
Wednesday, October 6, 1pm–4 pm
Stevenson Pentecost Hall
2962 N. Lander Ave/Hwy 165, Stevinson

Monday, November 1, 9:30am–12:30 pm
UC Cooperative Extension Classroom
2145 W. Wardrobe Ave, Merced

Madera County (2 workshops)

Tuesday, October 26, 9:30am–12:30 pm
Tuesday, October 26, 1pm–4pm
Madera County Fairgrounds, Little Theatre
1000 South 3rd Street, Chowchilla

Fresno County (2 workshops)

Wednesday, October 13, 9:30am–12:30 pm
Wednesday, October 13, 1pm–4pm
Riverdale Memorial Hall, 3085 W. Mount
Whitney (across from high school), Riverdale

Tulare County (3 workshops)

Thursday, September 23, 1pm–4pm
Tuesday, October 12, 9:30am–12:30pm
Tuesday, November 9, 9:30am–12:30pm
Tulare County Ag Center Auditorium,
4437 S. Laspina, Tulare

Kings County (2 workshops)

Wednesday, October 27, 9:30am–12:30pm
Wednesday, October 27, 1pm–4pm
Hanford Fraternal Hall
1015 North 10th Ave, Hanford

Kern County (2 workshops)

Thursday, October 28, 9:30am–12:30pm
Thursday, October 28, 1pm–4pm
Kern Agriculture Pavilion
3300 East Belle Terrace, Bakersfield

Permits Now Required for Smaller Farms with Emissions Greater than 5 tons/yr of NOx or VOC

Recently, the District's New Source Review Rule (Rule 2201) was changed, resulting in a significant drop to the major source threshold from 25 tons/yr of NOx and VOC emissions to 10 tons/yr. Agriculture facilities have been required to obtain Air permits with emissions of half the major source threshold. The permit threshold for ag sources is now 5 tons/yr for NOx and VOC. This change will require smaller farms to now obtain a permit with the Air District.

There are various sources of equipment that contribute towards the 5 tons/yr of emissions such as stationary and portable irrigation pump engines, emergency engines,

boilers, gasoline tanks, Confined Animals (cows, poultry, swine, etc), and various other operations and equipment that emit. Mobile source emissions, such as tractors, harvesters, trucks, etc., are not counted towards the 5 tons/yr.

The deadline to submit a permit application is **December 10, 2010**. Please see below to find out if you should attend these workshops. The workshops are intended to assist you in determining your farm's permit applicability and connect with funding opportunities to help you comply with these requirements. For additional assistance call the District's Small Business Assistance line at (559) 230-5888.

You Should Attend A Workshop If You Have

- Irrigation or emergency generator engines > 50 hp that are currently not permitted (or do not have a PEER*);
- Total combined horsepower rating of irrigation pump engines of greater than 250 hp;
- Dairies with greater than 175 milk cows
- Greater than 100 acres of contiguous cropland and have not applied for a Conservation Management Practice (CMP) Plan
- An interest in learning about grant funding to replace irrigation pump engines. For questions, please contact the District's Emission Reduction Incentive Program (ERIP) hotline at (559) 230-5800.

*PEER—Permit Exempt Equipment Registration

Internal Combustion Engines

Rule 4702 required non-emergency non-certified (Tier 0) diesel-fired internal combustion (IC) engines greater than 50 hp to be replaced with Tier 3 engines or have electrified by **January 1, 2010**. The replacement requirement applies to non-emergency engines, such as those powering irrigation pumps, but does not apply to tractors. Also, as of **January 1, 2009**, Rule 4702 required reduced emissions for natural gas and propane IC engines. In addition, Tier I and Tier II diesel-fired engines will have to be replaced with latest Tier (Tier III or Tier IV) engines or electrify as early as **January 1, 2015**. Grant funds are available to assist in replacing these engines.

Applications for engine replacements should be filed with the Air District ASAP. Call (559) 230-5888 for help. Farms subject to permits must also file Authority to Construct (ATC) applications with the District. Farms exempt from permits must file PEER* applications with the District. Both ATC and PEER applications are found at www.valleyair.org.

Further detail and additional guidance will be available at the A.I.R. Quality workshops listed on this flyer. FREE!



Agriculture Improving Resources

“a partnership formed to aid agriculture in promoting the voluntary improvement of air quality through scientifically proven and cost effective measures”

Agriculture Improving Resources (A.I.R.) is a partnership between the following government agencies and agricultural organizations: Almond Hullers and Processors Association, California Air Resources Board, California Apple Commission, California Association of Resource Conservation Districts, California Citrus Mutual, California Farm Bureau Federation, California Grape and Tree Fruit League, California Cotton Ginners and Growers Associations, California Plant Health Association, Fresno County Farm Bureau, Kern County Farm Bureau, Kings County Farm Bureau, Madera County Farm Bureau, Merced County Farm Bureau, Nisei Farmers League, Raisin Bargaining Association, San Joaquin Valley Unified Air Pollution Control District, Stanislaus County Farm Bureau, Tulare County Farm Bureau, and the USDA Natural Resources Conservation Service.

Funded in part by USDA—Natural Resources Conservation Service.

Help us spread the word and tell your neighbor about the Agriculture A.I.R Quality Workshops.

RSVP For Agriculture AIR Quality Workshops

Agriculture organizations throughout the San Joaquin Valley are joining together to provide this series of Agriculture AIR Quality workshops in an effort to help all ag producers meet the regulatory requirements for complying with District Permits and the engine requirements under Rule 4702. This series of workshops are **FREE** and will provide valuable information and assistance to any ag producer. Experts from NRCS, the Air District and ag organizations will be available to answer questions and assist you with this process.

Please **RSVP** with the local County Farm Bureau for the time and location of the workshop you will be attending. Space may be limited in some locations so RSVP as soon as possible.

RSVP to one of the following:

Fresno Co. Farm Bureau 559/237-0263
Kern Co. Farm Bureau 661/397-9635
Kings Co. Farm Bureau 559/584-3557
Madera Co. Farm Bureau 559/674-8871
Merced Co. Farm Bureau 209/723-3001
San Joaquin Co. Farm Bureau 209/931-4931
Stanislaus Co. Farm Bureau 209/522-7278
Tulare Co. Farm Bureau 559/732-8301

Air District SBA Hotlines:

Modesto - (209) 557-6446
Fresno - (559) 230-5888
Bakersfield - (661) 392-5665
Air District Grant Program Hotline:
(559) 230-5800

COME PREPARED by bringing the following items to the workshops:

- Number of IC engines, the horsepower and year models of each engine and number of hours operated per year for each engine.
- List of other stationary equipment that emits air pollution
- Number and type of cattle of different age groups
- Number, type, and size (height and width) of silage piles.
- Number of miles of unpaved roads and the dust control treatments used on those unpaved roads and equipment yards.
- Number of acres grown per crop.

