



A Publication of the Yolo-Solano Air Quality Management District

CONTEST WINNERS



Twelve students from schools in the Yolo-Solano AQMD jurisdiction have had their work selected for the District's 2006 calendar. Each student will receive \$50 and a certificate for their winning entry at an upcoming board meeting. Calendars will be available at our booth at the Yolo County Fair or by contacting the district office at 800-287-3650 or 530-757-3650.

Congratulations to the following Clean Air Winners!

Isaiah Jimenez	Whitehead/3 rd	Woodland
Samuel Vanderlist	North Davis/5 th	Davis
Tim McIntyre	North Davis/5 th	Davis
Connor Quinn	North Davis/5 th	Davis
Emma Hunter	North Davis/5 th	Davis
Alexie Makela	North Davis/5 th	Davis
Monish Achari	Evergreen/4 th	West Sacramento
Marcos Rivera	Evergreen/4 th	West Sacramento
Evelyn Ayala	Evergreen/4 th	West Sacramento
Debra Ouyang	Willet/4 th	Davis
Rebecca Rubin	Willet/4 th	Davis
Isaac Goldstein	North Davis/5 th	Davis

CALENDAR

July 13, 2005 9:00 AM
Y-S AQMD Board of Directors Mtg.
1947 Galileo Ct., Suite 103, Davis

August board meeting is cancelled.

August 15-16, 2005
Diesel Emission Reduction for
Public Agency & Utility Fleets
Conference and Exhibition
Sacramento Convention Center

August 17-21 Yolo County Fair
Visit our booth for air quality info.
Free drawing for a Neuton
electric mower.

September 14, 2005 9:00 AM
Y-S AQMD Board of Directors Mtg.
1947 Galileo Ct., Suite 103, Davis

October 12, 2005 9:00 AM
Y-S AQMD Board of Directors Mtg.
1947 Galileo Ct., Suite 103, Davis

LARGE DAIRY DEFINED



The California Air Resources Board (ARB) laid the foundation for reducing emissions from large livestock operations such as dairies, feedlots and poultry ranches. Definitions for large dairies were necessary for improving air quality in agricultural areas of the state heavily impacted by large livestock operations, where herds or flocks of animals can number in the thousands.

ARB defines "large" confined animal facilities (CAFs) for areas that both meet and exceed federal ozone standards. The definitions, developed after extensive research and with input from local communities, environmentalists and the agricultural industry, are less stringent in areas that meet the standards. In attainment areas, large dairies would be defined as those with 2,000 or more dairy cows, while in nonattainment areas such as the Yolo-Solano AQMD, large dairies would be defined as operations with 1,000 or more milking cows.

Using new definitions approved by ARB, local air districts will have until July 1, 2006 to adopt rules that require large facilities to reduce their emissions. Dairies and other affected businesses will have until January 1, 2007 to submit their emission mitigation plans, which then must be implemented by July 1, 2008. The timeline was established by Senate Bill 700 (Florez, 2003).

Emissions from dairies and other animal facilities can have a significant impact on local air quality. Dairies are a large source of reactive organic gases (ROG). These gases are precursors to ozone, which is known to aggravate asthma and other respiratory ailments.



IN USE TESTING FOR HEAVY DUTY TRUCKS

The California Air Resources Board (ARB), engine manufacturers, and the United States Environmental Protection Agency (USEPA) have reached a cooperative agreement to test heavy duty trucks in the field to verify that they meet emission standards. This program will help to improve California's air quality and better protect public health by providing information to environmental agencies and industry. It will help identify durability and design problems which increase emissions to levels exceeding certification standards. This can result in recall of existing vehicles and or design improvements for trucks manufactured in the future

The new In-use Compliance Test program was developed and will be implemented by US EPA, ARB, and the Engine Manufacturers Association, and will test exhaust emissions of heavy duty trucks (vehicles weighing more than 14,000 lbs.) while they are in normal use.

This new program is different from existing test programs because it will use a Portable Emission Measurement System (PEMS), allowing trucks to be tested on real roads in real world situations. Previously, engines had to be removed and testing had to be done in a specialized laboratory, making the process extremely costly and time-consuming. California will launch a pilot for the 2007 national program later this summer.



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RETURN SERVICE REQUESTED

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BOARD OF DIRECTORS

As a public health agency, the Yolo-Solano Air Quality Management District's role is to protect human health and property from the harmful effects of air pollution.

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Supervisor Mariko Yamada
District 4, Yolo County

Board meetings are held at 9 a.m. the 2nd Wednesday of each month at the Y-S AQMD office. The public is welcome to attend. The agenda of the upcoming meeting is posted on our website along with the minutes from the previous meeting. For more information call (530) 757-3650.

Mat Ehrhardt, P.E.
Executive Director/
Air Pollution Control Officer

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CLEAN AIR FUNDS

The Yolo-Solano Air Quality Management District Clean Air Funds (CAF) Committee, a subcommittee of the District's board of directors has recommended to approve \$500,000 in Clean Air Funds grants for project applications that assist in reducing emissions from motor vehicles. The District received 25 applications with 12 recommended for full or partial funding from AB 2766 funds and AB 8 property tax funds for fiscal year 2005-06. Applications recommended to be funded in four categories include the following:

Clean Technologies/Low Emission Vehicles

- **Tiger Lines, LLC:** Retrofit Tomato Trucks for NOx and PM Emission Reductions - \$100,000
- **Unitrans:** Purchase of CNG Buses - \$15,000
- **Vacaville Sanitary/ Dixon Sanitary:** Retrofit Refuse Trucks for NOx Emission Reductions - \$100,000
- **Winters Joint Unified School District:** School Bus Retrofit Project for PM Emission Reductions - \$44,000
- **City of Woodland:** Low Emission Vehicle Upgrade - \$7,667

Alternative Transportation

- **City of Rio Vista:** Downtown Pedestrian Street Scape & Water Front Improvement Project Phase 1 - \$100,000
- **City of Vacaville:** Centennial Bikeway - \$40,000
- **City of Vacaville:** Southside Bikeway - \$50,000
- **Yolo Transportation Management Association:** Rideshare Incentive Program (TRIP)- \$6309

Transit Services

- **Yolo County Transportation District:** Summer Sizzler 2006 Reduced Youth Transit Fare - \$10,000
- **Yolo County Transportation District:** 15-Passenger Van - \$17,024

Public Information/Education

- **American Lung Association of Sacramento-Emigrant Trails:** Clean Air Public Awareness Program - \$10,000

The District board of directors will consider the CAF committee's recommendations to fund the above projects at the July 13 board meeting. For further information on the District's Clean Air Funds Program contact Jim Antone at 530-757-3653 or jantone@ysaqmd.org.

PERMIT PROGRAM ACTIVITIES*		COMPLIANCE ACTIVITIES**	
ATC Applications Received	66	Complaints Investigated	9
ATC Applications Processed	58	Inspections Performed	241
PTO Applications Received	67	Notices of Violation (NOVs)	29
PTO Applications Processed	78	Notices to Comply (NTCs)	7
*April 1, 2005 - June 30, 2005		** April 1, 2005 - June 30, 2005	

AG PUMPS GET NEW RATES



The Public Utility Commission(PUC) approved a rate plan by Pacific Gas and Electric (PG&E) and Southern California Edison (SCE) which competitively prices electricity for farmers who convert their diesel powered agricultural pumps to electric pumps.



The PUC's decision will help to eliminate as much as 3,000 tons per year of nitrogen oxides which means cleaner air for people to breathe, less cardiac and pulmonary disease; and cleaner air for plants to thrive in, which in turn means improved crop yields.

The PUC's decision allows a reduced rate plan that is designed to compete in price with diesel fuel, for farmers who opt to install electrically powered agricultural pumps rather than diesel powered ones. This rate plan, which lasts for ten years, locks in prices and increases the rate by one and a half percent every year. Both PG&E and SCE will also help pay for running power lines out to the engines. With the adoption of the new rate schedule, the PUC has made the pollution cuts from agricultural engines now required for air quality clean-ups less burdensome.



Breathe Easier is the Bureau of Automotive Repair's (BAR) Public Awareness Campaign to promote understanding about the negative effects

of vehicle-produced air pollution, and increase participation in the Consumer Assistance Program (CAP) that will pay motorists to voluntarily retire their polluting vehicles, or provide assistance toward the repair of their vehicle to pass a smog check.

Thanks to California emission standards, new cars are cleaner than ever. But older or poorly maintained vehicles contribute to the million pounds of pollutants pumped by cars into California's air every day. Air pollution contributes to respiratory and other health problems. You can help clean up our air by repairing or retiring your polluting vehicle. If your car fails its Smog Check, California has a program that may be able to help. The California Bureau of Automotive Repair's Consumer Assistance Program (CAP) can help pay for repairs, or it may pay you to retire your polluting vehicle. The Vehicle Retirement Program offers \$1000 for eligible motorists to voluntarily retire their high-polluting vehicles as long as funding is available. For more information or to find out how to qualify visit: www.smogcheck.ca.gov

RULES UPDATE

Implementation of Senate Bill 656 Sher 2003 (SB656)

In 2003, the Legislature enacted **Senate Bill 656 (SB656)**, codified as Health and Safety Code (H&SC) section 39614, to reduce public exposure to PM10 and PM2.5. As a first step, the California Air Resources Board (CARB), in consultation with local air districts, developed and adopted a list of the most readily available, feasible, and cost-effective control measures that could be adopted to reduce PM10 and PM2.5. As a second step, SB656 requires local air districts to adopt implementation schedules by July 31st, 2005, identifying the selected subset of measures and dates the District will further evaluate these measures for adoption. The District is considering measures from the following categories, fugitive dust, combustion contaminants, and general rules to reduce directly emitted emissions from stationary and area sources. The objective is to make progress toward attainment of State and National PM10 and PM2.5 standards.

Rule 2.21

Rule 2.21 was originally adopted by the Board of Directors on March 23, 1994 and was incorporated into California's State Implementation Plan (SIP) in 1995. The Rule was revised in 2002 and was submitted to the United States Environmental Protection Agency (US EPA) for inclusion into the SIP. The US EPA issued a finalized limited approval and disapproval of Rule 2.21. District staff is proposing to amend Rule 2.21 to correct the deficiency cited by the US EPA. In addition, District staff is proposing to incorporate changes resulting in improvement to rule clarity, effectiveness, and consistency with other agencies. The main revisions include: revising the applicability of the rule by lowering the true vapor pressure from 1.5 to 0.5 psia, exempting tanks applicable to Rule 2.35, Pharmaceutical Manufacturing, changing the vapor recovery system standard for bulk plants to 95% efficiency, removing the requirement to annually re-certify bulk plants, and clarifying that the vapor recovery system for all gasoline tanks greater than 250 gallons must be a California Air Resources Boards (CARB) certified system.