

COMPLIANCE TIP

STATIONARY SOURCES

Stationary sources of air pollutants are subject to one of more of our District rules. Because new rules can affect you, the district recommends that all sources closely follow rule development. When a workshop for development of a new or amended rule is announced, take the time to attend. The purpose of the rule, how it will be administered and to which sources it will apply are discussed at these workshops.

Almost all rules contain exemptions from the rule in one form or another; exemptions might be based on size, throughput, rating or use. By attending the workshops, you will have the opportunity for input on exemptions and other aspects of the rule. Input from industry helps make rules reasonable, fair and workable. Visit www.ysaqmd.org for rule updates and workshop notices.

CLEAN AIR CHAMPIONS

Call for Nominations

The American Lung Association of Sacramento-Emigrant Trails requests your help in identifying Clean Air Champions for its 2005 Clean Air Awards.

If you know a person, business, public agency or community group who goes above and beyond to help clean the air in this region, nominate them today. Award categories include Citizen Group/Individual, Business, Government, Regional and Smart Growth *(New!)*.

Winners will be recognized at the 29th Annual Clean Air Awards Luncheon on May 5, 2005.

Nominations are due January 31, 2005. For a nomination form, call (916) 444-5864 or visit www.saclung.org

CALENDAR

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

January 18, 2005 3:00 PM
Agricultural Permitting Workshop
1947 Galileo Ct., Suite 103, Davis

January 31, 2005
Deadline for ALASET Clean Air
Heroes Nominations

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

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

Next issue . . .

SB 700 - Agricultural Permitting Program



A Publication of the Yolo-Solano Air Quality Management District

AIRBORNE TOXIC CONTROL MEASURES

In 1998, following an exhaustive 10-year scientific assessment process, the California Air Resources Board (ARB) identified particulate matter from diesel-fueled engines as a toxic air contaminant (TAC). On a statewide basis, the average potential cancer risk associated with these emissions is over 500 potential cases per million. Compared to other air toxics the ARB has identified and controlled, diesel PM emissions are estimated to be responsible for about 70 percent of the total ambient air toxics risk. In addition to these general risks, diesel PM can also present elevated localized or near-source exposures. Depending on the activity and nearness to receptors, these potential risks can range from small to 1,500 per million or more.

Modern diesel engines and new, cleaner fuels do not have to be operated differently than other types of engines, which owners simply turn off when they are not in use.

problem. As part of the new regulation's enforcement efforts, the ARB will institute a public education program to help diesel drivers better understand the newer technologies and how they can improve vehicle operations.

This measure is the latest in an ARB program to reduce the toxic risk from diesel exhaust. In addition to the school bus idling measure, the ARB has also adopted rules that limit emissions from urban transit buses, garbage trucks and portable engines. In conjunction with US EPA, the ARB has also approved standards for low sulfur diesel fuel set to take effect in 2006 and stringent tailpipe emission standards, which become effective in 2007.

On November 8, 2004, the **Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines** was approved by the Office of Administrative Law and filed with the Secretary of State. This regulation, which was promulgated by the ARB, will be enforced by the District.

This regulation establishes a number of new requirements for both existing and new emergency and prime diesel engines. The District has approximately 260 diesel engines under Permit to Operate (PTO), of which approximately 245 are for emergency or standby use, 10 for limited use and 6 for prime power.

For emergency use engines, the most common method of complying with the new regulation will be to take a limit on the number of hours allowed for testing and maintenance. The District's current standard for testing and maintenance

(continued on page 3)

As a result of this study, two measures to reduce PM emissions took effect January 1, 2005. The first, a **diesel air toxic control measure (ACTM)**, requires big rig truck and interstate bus operators to shut their engines down after five minutes of non-essential idling.

The new regulation affects the more than 400,000 heavy-duty diesel trucks and buses registered in California and all out-of-state trucks and buses operating in California. The regulation will eliminate 166 tons of particulate pollution per year and about 5200 tons per year of smog-forming nitrogen oxide emissions from the state's air. As a result of the new measure, California truck and bus operators will each save about 125 gallons of diesel fuel per year, or collectively over one million gallons each week. Bus operators may idle for ten minutes prior to entering passenger service in order to prepare their vehicles for customer use.

The new measure is similar to the ARB's school bus idling measure adopted in 2002 that prohibits any unneeded idling. The new measure allows idling for up to five minutes but like the school bus measure limits idling within 100 feet of residences and will take effect almost immediately. The penalty for violating either measures is \$100 per violation. In the past, diesel operators have let their engines idle for long periods of time because of fears that their vehicles might not start well when cold or in bad weather. However, newer engine and fuel technologies have eliminated that



1947 Galileo Court, Suite 103
Davis, CA 95616
(530) 757-3650 or (800) 287-3650
Ag Burn Line
(530) 757-3660 or (800) 246-3660
www.ysaqmd.org

RETURN SERVICE REQUESTED

INSIDE . . .

CLEAN AIR FUNDS	2
LEGISLATIVE UPDATE	2
RULES UPDATE	3
COMPLIANCE TIP	4
CLEAN AIR CHAMPIONS	4

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.

Councilmember Harold Anderson
City of Winters

Mayor Ruth Asmundson
City of Davis

Councilmember Carolyn Castillo Pierson
City of West Sacramento

Vice-Mayor Pauline Clancy
City of Vacaville

Mayor Eddie Woodruff
City of Rio Vista

Mayor Mary Ann Courville
City of Dixon

Vice-Mayor David Flory
City of Woodland

Supervisor Mike Reagan
District 5, Solano County

Supervisor Duane Kromm
District 3, Solano County

Supervisor Duane Chamberlain
District 5, Yolo County

Supervisor Frank Siefertman, Jr.
District 3, Yolo County

Supervisor Mike McGowan
District 1, Yolo County

Supervisor John Vasquez
District 4, Solano County

Supervisor Mariko Yamada
District 4, Yolo County

Board meetings are held at 9 a.m. the 2nd Wednesday of each month at the YS AQMD office. The public is welcome to attend. For more information call (530) 757-3650.

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

AIR AWARE,
funded by DMV fees,
is published quarterly.
Editor: Kathy Coulter
Contributing writers:
Paul Hensleigh
Carl Vandagriff
Jim Antone

CLEAN AIR FUNDS PROGRAM

Applications for the District's Clean Air Funds for projects that reduce emissions from mobile sources will be available in mid to late January. The District anticipates approximately \$500,000 available to fund projects in the following categories:

- Clean Technologies/Low Emission Vehicles
- Alternative Transportation
- Transit Services
- Public Information/Education

Currently, District staff anticipates there will be \$350,000 available for projects sponsored by public and private organizations in Yolo and Solano Counties and \$150,000 available to public agencies in

Solano County. Projects will be selected on a competitive basis.

District staff is especially interested in funding quality Clean Technology/Low Emission Vehicle projects since these types of projects usually have a high cost-effectiveness with immediate emission reductions. School districts are encouraged to apply under this category for projects that reduce emissions from school buses.

For more information on the District's Clean Air Funds program, contact Jim Antone at 530-757-3653 or jantone@ysaqmd.org.

CALIFORNIA LEGISLATIVE UPDATE

ASSEMBLY BILL 923

Assembly Bill 923 was approved by the Governor on September 23, 2004 and gave District Boards the authority to adopt an additional \$2.00 surcharge for motor vehicle registration fees. On November 10, 2004, our District Board approved authorizing the Department of Motor Vehicles (DMV) to increase the existing annual \$4.00 surcharge to \$6.00. The Bill became effective on January 1, 2005 and sunsets in 2015.

AB 923 expands the **Carl Moyer Incentive Program** to include:

- 1) new agricultural sources;
- 2) light and medium-duty vehicles;
- 3) projects that reduce only particulate matter or only reactive organic gases;
- 4) additional funding from an adjustment to the tire fee to be used by the Air Resources Board (ARB) for air quality programs.

AB 923 allows air districts to implement the following programs:

- 1) Carl Moyer Program projects;
- 2) the new purchase, retrofit, re-power or add-on equipment for previously unregulated agricultural sources;
- 3) new purchases as per the clean school bus program;
- 4) light-duty scrap or repair programs adopted by ARB.

In the FY 04/05 budget, the District is expecting to receive approximately \$960,000 in DMV fees. For FY 05/06, the \$2.00 fee will provide approximately \$480,000 additional revenue. The District is currently evaluating the use of the additional revenue for the existing Clean Air Funds Program.

PERMIT PROGRAM ACTIVITIES*		COMPLIANCE ACTIVITIES**	
ATC Applications Received	77	Complaints Investigated	18
ATC Applications Processed	66	Inspections Performed	357
PTO Applications Received	72	Notices of Violation (NOVs)	28
PTO Applications Processed	65	Notices to Comply (NTCs)	8
* September 1, 2004 -December 15, 2004		** September 1, 2004 - December 15, 2004	

RULES UPDATE

**Rule 2.40
Wood Burning Appliances**



The Governing Board adopted **Rule 2.40, WOOD BURNING APPLIANCES** at the December 8, 2004 Board meeting.

This rule imposes a number of new requirements that will affect anybody who uses a wood burning device in the District (all of Yolo County and the northeastern half of Solano County). In addition, the Board endorsed a model ordinance that has been circulated to all agencies in the District for possible further reductions.

The rule is not intended to prohibit or outlaw the burning of wood, just to require that if wood is used as a fuel, that the negative air quality impact be minimized. The biggest effect of the rule will be to prohibit the installation of any new traditional "open hearth" type fireplace. The following is a summary of the rule requirements:

- 1) Any new installation of a wood burning device (new construction as well as new installation in an existing home) will require the use of a pellet-fueled heater or an EPA certified heater.

AIR TOXICS CONTROL MEASURES (continued from page 1)

is 50 hours per year. The new regulation will lower these allowable hours to either 20, 30, or 50 hours per year, depending on the level of particulate emissions from your particular engine.

For limited use and prime engines, the most common method of complying will be to install a control device such as a diesel particulate filter (DPF) which is capable of reducing PM10 emissions by over 85%. In addition, there will be permit application (Authority to Construct) and source testing requirements.

- 2) All wood burning appliances must be installed and operated according to manufacturers' specifications.
- 3) A public information component that requires retailers to distribute literature regarding the proper installation and use of wood burning appliances and the health effects of wood smoke.
- 4) A requirement that all wood that is advertised as "seasoned" or "dry" wood must have less than 20% moisture (dry wood burns cleaner than wet wood).
- 5) A prohibition from burning of certain materials such as garbage, treated wood, plastic products.

Because wood smoke has a very localized impact, the Board endorsed a model ordinance that a local agency can adopt to obtain further reductions from wood burning appliances. The local agency can not be less restrictive than the rule, however the additional options that can be considered can include the requirement to replace (or render inoperable) a non-certified wood burning heater at time of home sale, time of remodel, or by a certain date.

**Rule 3.20
Ozone Transport Mitigation**

As a result of amendments to the California ozone transport mitigation regulations, the District was required to adopt a "10 ton no net increase"

If you have a PTO for a diesel engine at the time of your next permit renewal, the District will send out an advisory with your renewed permit which details the specific impact the regulation has on your operations.

For more information on the Diesel ATCM, visit www.arb.ca.gov and for information on the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines www.arb.ca.gov/regact/statde/statde.htm

program for stationary sources. The Governing Board adopted **Rule 3.20, OZONE TRANSPORT MITIGATION** on December 8th, 2004 which implements this program. Stationary sources that have a potential to emit over 10 tons for Volatile Organic Compounds (VOC) or Nitrogen Oxides (NOx) must provide mitigation for proposed increases in VOC or NOx emissions.

**Rule 11.1
Agricultural Operating Permit Program**

As a result of **Senate Bill 700 (SB700)**, the District is required to develop a permitting program for agricultural sources which are currently exempt from the requirement to obtain a Permit to Operate (PTO) with the District. Staff has been working on this program with the Agricultural Permitting Advisory Committee (APAC), which has members from the agricultural community, agricultural officials, and other interested parties. A draft rule and staff report are available on the District's website at and a public workshop is scheduled for January 18, 2005 at 3:00 PM at the District office.

If you want more information or would like to be included on a mailing list for a specific rule, please contact Paul Hensleigh at phensleigh@ysaqmd.org or call (530) 757-3665.

YOLOBUS ADDS SERVICE

Yolo County Transportation District (YCTD) recently introduced 58 new "Quick Trips" on Yolobus for travel between Woodland and Davis or Woodland and Downtown Sacramento.

"Quick Trips" utilize the bus stop at the YCTD office in Woodland. The YCTD parking lot is available for use by Quick Trip passengers. Passengers can also access the Woodland local bus route (210/ 211) to get to and from their Woodland destination.

For more information, call (530) 666-2877 or 1-800-371-2877, or access www.yolobus.com.