

SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

SEPTEMBER 2012

Top 11 Things You *Maybe* Didn't Know About Saving Energy at Home

This is the first installment of a new Energy series from the United States Department of Energy. It's the 2012 summer edition. All of these tips are also good for air quality.

11. Placing lamps or TV sets near your room air-conditioning thermostat can cause the air conditioner to run longer than necessary because the thermostat senses heat from the appliances. Set them apart and save energy.

10. Lighting makes up about ten percent of home energy costs. Save up to 75 percent of that energy by replacing incandescent bulbs with compact fluorescent bulbs (CFLs). They also last longer, saving money on replacements.

9. If #10 weren't enough reason to make the switch to CFLs, only about 10 to 15 percent of the electricity that incandescent lights consume results in light -- the rest is turned into heat.

8. Running your air conditioning at 78°F instead of 72°F can save between 6 and 18 percent on your cooling bill. The smaller the difference between the indoor and outdoor temperatures,

the lower your overall cooling bill will be, so set your thermostat as high as possible during the summer months.

7. Well-planned landscaping isn't just for aesthetics -- properly placed trees around the house can save between \$100 and \$250 annually.



6. On average, households lose about 20 percent of their heated and cooled air through the duct system to the outside. To avoid wasting energy, have your ducts inspected to ensure they're sealed properly and insulated if necessary.

5. If you use air conditioning, a ceiling fan will allow you to raise the thermostat setting about 4°F with no reduction in comfort. Just make sure to turn it off when you leave

the room (fans cool people, not rooms).

By replacing *five* incandescent light bulbs with *CFLs*, you can save **400 pounds off your *carbon footprint* a year**

4. Heating water can account for 14 to 25 percent of the energy consumed in your home. Turn down the temperature of your water heater to the warm setting (120°F) and save energy (and avoid a surprise faucet-scalding).

3. By using the microwave, toaster or a counter-top grill rather than an oven, you'll use less energy and avoid excess heat that increases room temperature.

2. Leaving a computer on all day can cost about 21 cents per day, or about \$75 per year. Unplug electronics and appliances when not in use -- a task made easier by using multiple-outlet strips, which can turn everything off with the flip of a switch.

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APCD Calendar

AIR POLLUTION CONTROL BOARD

Second Tuesday, 11:00 a.m.
Board Chambers
Administration Building
800 South Victoria Avenue
Ventura

Next meeting: September 11, 2012

APCD ADVISORY COMMITTEE

Fourth Tuesday, 7:30 p.m.
Large Conference Room
669 County Square Drive
Ventura

Next meeting: To Be Announced

CLEAN AIR FUND ADVISORY COMMITTEE

Anacapa Conference Room
669 County Square Drive,
2nd Floor, Ventura

Next meeting: To Be Announced

APCD HEARING BOARD

Mondays, 5:30 p.m., as needed
Board Chambers
Administration Building
800 South Victoria Avenue
Ventura

SOUTH CENTRAL COAST BASINWIDE AIR POLLUTION CONTROL COUNCIL

Santa Barbara APCD
260 North San Antonio Road
Santa Barbara

For more information, call Mike Villegas at 645-1440.

Next meeting: September 19, 2012

APCD RULE WORKSHOPS

See Rule Update section.

Air Pollution Control Board

Kathy Long, District 3, Chair
Carmen Ramirez, Oxnard, Vice Chair
Brian Brennan
Steve Bennett, District 1
Linda Parks, District 2
Peter Foy, District 4
John Zaragoza, District 5
Mike Morgan, Camarillo
Gayle Washburn, Fillmore
Jonathan Sharkey, Pt. Hueneme

Ventura County

Air Pollution Control District

669 County Square Drive, 2nd Floor
Ventura, CA 93003

Air Pollution Control Officer

Michael Villegas

Skylines

Editor – Barbara L. Page
Desktop Publishing – Kate Miller

Directory

General Information **645-1400**
Fax **645-1444**
Website **www.vcapcd.org**

Agricultural burning,
 Smog forecast 654-2807
Complaints (7 a.m. – 5 p.m.,
 Mon-Thurs) 645-1445
Complaints (recording) 654-2797
Monitoring Division 645-1410
Permit processing 645-1401
Permit renewal 645-1405
Public information 645-1415
Email address info@vcapcd.org

1. Programmable thermostats can save up to \$150 a year on energy costs when used properly. Use one that can automatically turn

off your cooling system when you are not home, and turn your system on in time for you to arrive home to a cooled house.

For more ideas on helping air quality, call 645-1415.

F O C U S on climate change

Air Resources Board announces registration for cap-and-trade tracking system

On July 9 the California Air Resources Board announced the next step for regulated facilities and interested parties wishing to participate in the state's first auction of allowances under the cap-and-trade program. That step is registration in the Compliance Instrument Tracking System Service, or CITSS.

CITSS will track each allowance when it is purchased, traded, resold and finally retired by a regulated party to meet its greenhouse gas reduction obligation. A tracking system account is also needed in order to participate in the upcoming auction of greenhouse gas allowances. Each carbon allowance is a permit to emit one metric ton of carbon dioxide, the most prevalent greenhouse gas. The auction, to be held in November 2012, is part of the program developed under AB 32 to reduce greenhouse gas emissions by the state's largest industries, and energy generators and importers.

Starting in 2013, some 600 facilities around the state will need to comply with the cap-and-trade regulation. Facilities must hold a

sufficient number of allowances to cover their annual greenhouse gas emissions through 2020. Since the total number of allowances issued drops by between two and three percent each year, overall emissions throughout the state will also drop.

The decision as to how to reduce its greenhouse gas emissions is left up to each facility, providing maximum flexibility while also driving innovation in clean energy technologies.

The initial registration function will be followed in September by the next phase in the tracking system: the ability for ARB to create and distribute allowances in CITSS, and for registered account holders to transfer allowances between CITSS accounts.

The province of Quebec is paralleling California's action by turning on a CITSS registration program for regulated facilities and interested parties for its provincial cap and trade program. *(Sources: California Air Resources Board)*

VISTA and CSU Channel Islands join to offer free bus rides

This fall, California State Channel Islands students, faculty, and staff can ride the VISTA shuttle to campus for free from Saturday, August 25 through Friday, September 7, 2012. And along the way, they will also be eligible to win a \$100 gift certificate valid at The Cove bookstore.

Riders can catch the VISTA shuttle at one of three stops: Camarillo Metrolink Station, Oxnard "C" Street Transfer Point, and near Oxnard College. No fare payment will be required. Once aboard, each rider will receive a raffle ticket for drop off at the Student Union, library, or Placer Hall. The winner will receive a \$100 gift certificate good for textbook purchase at The Cove bookstore. The drawing will be held Friday, September 14. Visit goventura.org or call **800/438-1112**.



Rule Development Update

Visit www.vcapcd.org/rules_division.htm

Advisory Committee

Permit Fees (Rule 42 – Revised) On July 24, 2012, the Advisory Committee recommended proposed revisions to Rule 42, Permit Fees. Staff is not proposing to increase permit fees in 2012. This rule revision is intended to clarify an existing policy regarding the invoicing of those fees that are based on the hourly service rate for an Air Quality Engineer. The following sentence is proposed to be added to each of the sections referencing the hourly service rate:

“The hourly service rate shall be the rate in effect at the time the permit application is deemed complete.”

In addition, a second proposed change to Rule 42 concerns non-payment of permit processing fees. The rule currently states the consequence of non-payment of the fee within 60 days from the date of mailing the invoice is the cancellation of the permit application. An additional consequence is proposed to increase the collection of these fees, as follows:

“No further permit applications will be accepted from the applicant until such time as overdue permit processing fees have been fully paid.”

The meeting was held at 7:30 p.m. in the First Floor Conference Room at APCD District Office located at 669 County Square Drive, 2nd Floor, Ventura, CA 93003. For additional information or if you have any comments, contact [Stan Cowen](#) at (805) 645-1408.

Solvent Cleaning Requirements (Rules 74.13, 74.20, and 74.24 - Revised) On July 24, 2012, the Advisory Committee recommended proposed revisions to the solvent cleaning requirements in Rules 74.13 (Aerospace), 74.20 (Adhesives), and 74.24 (Marine Coatings). Staff is proposing to further reduce reactive organic compound (ROC) emissions from the solvent cleaning of coating or adhesive spray equipment and substrate surface preparation. This proposed rule action will implement an All Feasible Measures requirement pursuant to the California Clean Air Act (H&SC Section 40914). The proposed rule revisions and staff report are available on the District's website.

Please direct any comments, questions, or requests for additional information to **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

Air Pollution Control Board

Small Boilers and Large Water Heaters (Rules 74.11.1 and 74.15.1 - Revised) On June 26, 2012, at 11:00 a.m., the Air Pollution Control Board held a public hearing to consider proposed revisions Rule 74.11.1 (Large Water Heaters and Small Boilers) and Rule 74.15.1 (Boilers, Steam Generators and Process Heaters). The hearing was continued to September 11, 2012, because a significant revision to the screening methodology was proposed after the notice was published. This revision has no impact on the emissions being regulated by either rule.

Revisions to Rule 74.11.1 include lower 20 ppm NOx emission limits now in place in the South Coast AQMD. On January 1, 2013, the rule will apply to units with an input capacity from greater than 75,000 BTU/hr to less than 1 million BTU/hr, down from 2 million BTU/hr.

A 20 ppm NOx limit for new units between 1 and 2 million BTU/hr input capacity will be added to Rule 74.15.1. All units in this size range will source test every 48 months, if required. Also, the rule will require all units to do an initial installation source test and an annual NOx and CO screening analysis.

The proposed rules and final staff report are available on the District's website. For additional information contact Stan Cowen at **805/645-1408** or stan@vcapcd.org.

Recent Board Actions

Vacuum Producing Devices (Rule 67 – Repeal): On June 12, 2012, at 11:00 a.m., the Air Pollution Control Board repealed Rule 67, which limits reactive organic compound (ROC) emissions from "vacuum producing devices or systems including hot wells and accumulators." VCAPCD Rule 74.8, *Refinery Vacuum Producing Systems, Wastewater Separators And Process Turnarounds*, also regulates vacuum-producing devices. Hot wells and accumulators are not specifically mentioned in Rule 74.8, although it is clear that they would be

part of the "vacuum producing system at a petroleum refinery" specified in the rule.

There is no longer a petroleum refinery in Ventura County. Also, Rule 67 has been superseded by Rule 74.8. Therefore, the District proposes to repeal Rule 67 because it is unnecessary and there are no sources to which it applies. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

Project XL (Rule 37 – Repeal): On June 12, 2012, at 11:00 a.m., the Air Pollution Control Board repealed Rule 37. The rule was adopted on September 14, 1999, to implement a "Final Project Agreement" for the EPA Project XL Program at Imation Camarillo.

Imation Camarillo ceased operation in 2008. The District and Title V permits for the facility were rendered inactive in 2009. Therefore, the District proposes to repeal Rule 37 because the single source to which it applies, Imation Camarillo, no longer exists. For additional information, contact Stan Cowen at **805/645-1408** or stan@vcapcd.org.

2012 Rule Development Calendar: On January 10, 2012, the Air Pollution Control Board adopted the 2012 Rule Development Calendar. Health and Safety Code §40923(a) requires the District to publish each January 1 a list of regulatory measures scheduled, or tentatively scheduled, for consideration during the following year. Except for limited exceptions, the District may only propose consideration of regulatory measures during a year if those measures appear on the published list. State law does not require that the rulemaking calendar include control measures to comply with federal requirements, to abate substantial endangerment to the public health, to implement Air Toxic Control Measures published by the ARB, or to implement contingency measures after an ARB determination of inadequate progress.

The 2012 rule development calendar is available in the District's website. For additional information contact **Mike Villegas** at **805/645-1440** or mike@vcapcd.org.

Prevention of Significant Deterioration (Rule 26.13 – New): On June 28, 2011, the Air Pollution Control Board adopted new Rule 26.13. Prevention of Significant Deterioration (PSD) is a federal pre-construction permitting program for facilities located in areas that either comply with federal ambient air quality standards for particular pollutants or are unclassifiable for any criteria air pollutant. PSD applies to new major stationary sources and existing major stationary sources where a significant modification will occur. Prior to

this rule action, the PSD permitting program in Ventura County was administered by the Environmental Protection Agency (EPA) Region IX. At this time, no facility in the county requires a PSD permit.

The recent addition of greenhouse gases (GHG) to the list of regulated pollutants makes these pollutants subject to federal permitting. To prevent an influx of applications to EPA, EPA is encouraging local air districts to take responsibility for processing any PSD permit applications within their jurisdiction. The most straightforward way for an air district to take PSD responsibility is to adopt a rule that incorporates the federal requirements by reference. A model rule was developed cooperatively by EPA staff, ARB staff, and the California Air Pollution Control Officers Association Engineering Managers Committee.

New Rule 26.13 is based on this model rule. In addition, PSD Rule 26.10, which had required a source operator to obtain a PSD permit from EPA, was repealed. For additional information, contact Stan Cowen at **805/645-1408** or stan@vcapcd.org.

Graphic Arts (Rule 74.19 - revised): On June 14, 2011, the Air Pollution Control Board adopted revisions Rule 74.19, further reducing reactive organic compound (ROC) emissions from graphic arts operations. This rule action implements an All Feasible Measures requirement pursuant to the California Clean Air Act (H&SC Section 40914).

The revised rule is based on existing graphic arts regulations currently in effect in the South Coast AQMD, San Joaquin Valley APCD, Bay Area AQMD, and the Sacramento Metropolitan AQMD, and includes new ROC content limits for fountain solutions at lithographic operations and cleaning solvents at all graphic operations. Previous vapor pressure requirements were replaced with more effective ROC content limits for solvent cleaners. Complying fountain solutions and solvent cleaners are currently available from several suppliers. The exemption for inkjet printing operations did not change.

The revised rule and staff report are available for download on the District's website. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

EPA "Tailoring" Rule Revisions (Rules 2, 23, 33, 33.1, 35, 76 – Revised): On April 12, 2011, the Air Pollution Control Board adopted a series of rule revisions relating to Environmental Protection Agency (EPA) efforts to "tailor" existing federal permitting rules for greenhouse gas emissions.

Previously, the District issued permits for "criteria" air pollutants and hazardous air pollutants. Criteria pollutants include oxides of nitrogen, reactive organic compounds, particulate matter, oxides of sulfur, and carbon monoxide. EPA has recently taken steps to add greenhouse gases (GHGs) to the list of regulated pollutants. Because the thresholds of significance for GHGs are substantially higher than those for criteria and hazardous pollutants, EPA is proposing to "tailor" their regulations to include GHGs. With this rule action, the Board made the necessary revisions to District permitting rules to implement EPA's tailoring requirements.

The following rules were revised:

1. Rule 2, Definitions
2. Rule 23, Exemptions from Permit
3. Rule 33, Part 70 Permits, General
4. Rule 33.1, Part 70 Permits, Definitions
5. Rule 35, Elective Emission Limits
6. Rule 76, Federally Enforceable Limits on Potential to Emit.

Revisions include GHG permitting thresholds, a two-step implementation process, and new definitions. Also, GHGs were added as regulated pollutants. Minor revisions unrelated to GHGs were also adopted.

The final rules and final staff report appear on the District's website. For additional information contact Stan Cowen at **805/645-1408** or stan@vcapcd.org.

Compliance Dates

- January 1, 2012**

Graphic Arts (Rule 74.19 – Revised): Revisions to the fountain solution ROC Content limits for lithographic operations became effective on January 1, 2012, in Rule 74.19. In addition, the vapor pressure limits were replaced on January 1, 2012, with new ROC content limits for all solvent cleaning graphic arts operations.

These amendments to Rule 74.19 were based on an All Feasible Measures requirement pursuant to the California Clean Air Act. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

- January 1, 2011 and January 1, 2012**

Architectural Coatings (Rule 74.2 – Revised): Revisions to the coating ROC content limits in Rule 74.2 became effective on January 1, 2011, except

for the following coating categories, which become effective on January 1, 2012:

- Flat Coatings
- Primers, Sealers and Undercoaters
- Rust Preventative Coatings
- Specialty Primers Sealers & Undercoaters

These amendments to Rule 74.2 were based on the latest Suggest Control Measure adopted by the Air Resources Board. Coatings manufactured prior to the effective date may be sold or applied for up to 3 years after the effective date. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

- September 15, 2010**

Paved Roads and Public Unpaved Roads (Rule 55.1 – New): Rule 55.1 will apply to government agencies and/or persons operating construction or earthmoving equipment on public unpaved roads. New requirements are included for new or widening road construction, removal of visible roadway accumulation, and visible emissions caused by roadway construction activity. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

- September 15, 2010**

Street Sweeping Equipment (Rule 55.2 – New): Rule 55.2 will apply to government agencies or contractors that own or operate street sweeping equipment. New requirements are included that mandate the use of PM-10 efficient street sweepers, and require that street sweepers be properly operated and maintained. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

- July 1, 2010**

Natural Gas-Fired Water Heaters (Rule 74.11 – Revised): After July 1, 2010, new general use natural gas-fired water heaters with a capacity of less than 75,000 BTUs/hour are limited to 10 nanograms of NOx per joule (ng/j), or 15 ppmv. In addition, new natural gas mobile home water heaters are limited to 40 ng/j of NOx. Water heaters may not be sold, offered for sale, or installed in Ventura County unless they meet these limits. Manufacturers are required to submit compliance information. All limits apply to both residential and commercial applications. For additional information contact Stan Cowen at **805/645-1408** or stan@vcapcd.org.

- January 1, 2009 and January 1, 2010**

Motor Vehicle and Mobile Equipment Coating Operations (Rule 74.18 – Revised): Revisions to the coating ROC content limits in Rule 74.18 became effective on January 1, 2009, except for the following coating categories, which became effective on January 1, 2010:

- Adhesion Promoter
- Primer Sealer
- Single-Stage topcoat

Color coatings, as part of a basecoat/clearcoat system, which exceed the new 420 grams per liter limit and have been manufactured prior to January 1, 2009, may be sold and applied until July 1, 2009. The new low-ROC cleaning requirement at 25 grams per liter and a new limited-use surface preparation exemption became effective on January 1, 2010. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

March 1, 2008

Registration of Agricultural Engines (Rule 250): The California Air Resources Board (ARB) has finalized new regulations for diesel engines used in agricultural operations. In general, these regulations apply to nearly all diesel engines used to power irrigation pumps; however, they will not apply to diesel engines used to power farm equipment such as trucks and tractors. The new regulations have both administrative requirements and emission control requirements. An ARB fact sheet is available to provide additional information and details on these new requirements; go to <http://www.arb.ca.gov/diesel/ag/agengine.htm>.

To implement the state agricultural diesel engine regulations, the District adopted Rule 250, "Registration of Agricultural Engines" on September 11, 2007. The rule establishes a diesel engine registration program with a deadline of March 1, 2008. The registration program is not a permitting program, but requires application forms and fees similar to a permitting program. The fees are significantly less than permitting fees and are specified in Rule 48. Both rules appear on the District's website noted above.

For questions on the registration program, please contact **Kerby Zozula** at **805/645-1421** or kerby@vcapcd.org. Grant money may be available from the District to replace older diesel engines with newer, compliant diesel engines, natural gas engines or electric motors. For information on District grant programs, please contact **Chris Frank** at **805/645-1409** or chrisf@vcapcd.org.



Enforcement Update

Enforcement Activities JULY 2012					
Inspections	Month	Fiscal Year	Violations	Month	Fiscal Year
Asbestos Inspections	2	2			
Breakdowns Received and Investigated	5	5	Notices of Violation Issued	10	10
Complaints Received and Investigated	15	15	Cases Settled after Office Conference	17	17
Emergency Engine Verifications	0	0			
New Business	2	2			
Total: Permit/Other Inspections/Verifications	191	191	Total: Settlement/Fines	\$34,150	\$34,150

Sources Operating Under Variance JULY 2012					
No./Type	Facility/Location	Source	Rule	End Date	Status
840/ Regular	GenOn West LP-Ormond Beach Generating Station	Steam Generator Unit 1	29.C, Conditions	9-30-2012	On Schedule
843/ Regular	Jean Larrivee Guitars USA Inc.	Surface Preparation Solvent	29.C, Conditions 74.30.B.5-Surface Preparation and Cleanup Solvent	1-29-2013	On Schedule
844/ Regular	Venoco, Inc. Platform Gail	Delay source test	29.C, Conditions 74.23.B.1-Stationary Gas Turbines	8-15-2012	On Schedule

Sources Operating Under Stipulated Conditional Order of Abatement JULY 2012					
No.	Facility/Location	Source	Rule	End Date	Status
842	Ventura Regional Sanitation District-Toland Road Landfill	Landfill - Biosolids Drying Facility	29.C, Conditions	10-31-2012	On Schedule

NOV No	Facility Name	Phys City	Comment	NOV Date
021180	Cal Sun Produce LLC	Oxnard	Permit Condition Not Met - Boiler	7/3/2012
022529	OSI Electronics	Camarillo	Failure To Conduct Commute Survey - Commute Survey	7/6/2012
022732	Fillmore Shell Food Mart	Fillmore	CARB Title 17 Defect-PHI/II - V.R. System Testing Failure	7/24/2012
022857	Vintage Production California LLC	Santa Paula	Improper Vapor Recovery System - Vapor Recovery System	7/12/2012
022858	Vintage Production California LLC	Santa Paula	Permit Condition Not Met - Vapor Recovery System	7/12/2012
022859	Hunsucker Lease	Oxnard	Permit Condition Not Met - Exceeding T-put Limit	7/26/2012
022860	Hunsucker Lease	Oxnard	Operating Without A Permit - Oilfield	7/26/2012
022953	Arco/AMPM	Oxnard	Non-CARB Title 17 Defect - V.R. System Testing Failure	7/3/2012
023005	Market Street Carwash & Gas	Ventura	Non CARB Title 17 Defect - V.R. System Testing Failure	7/2/2012
023007	Fender Mender Body Shop	Ventura	Exceeding ROC Limits - Auto Body Coatings	7/12/2012