

SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

RICE NESHAP

AUGUST 2012

Reciprocating internal combustion engines subject to revised National Emissions Standards for Hazardous Air Pollutants

The United States Environmental Protection Agency is currently in the process of doing minor revisions on an adopted rule known as the RICE NESHAP for Reciprocating Internal Combustion Engines (RICE, 40 CFR part 63, subpart ZZZZ). RICE use pistons that alternatively move back and forth to convert pressure into rotating motion. They're commonly used here in local oil fields to generate electricity and to power pumps and compressors. RICE are also used in emergencies to produce electricity and pump water for flood and fire control. The United States Environmental Protection Agency (EPA) has recently finalized new air quality regulations that place requirements on owners and operators of a wide variety of stationary RICE.

Why does EPA regulate RICE?

RICE are common combustion sources that collectively can have a significant impact on air quality and public health. The air toxics emitted from stationary source engines

include formaldehyde, acrolein, acetaldehyde and methanol. Exposure to these air toxics may produce a wide variety of health difficulties for people including irritation of the eyes and mucous membranes, and central nervous system problems. RICE engines also emit the conventional air pollutants created when fuel is burned including carbon monoxide (CO), nitrogen oxides (NO_x), reactive organic compounds (ROCs), and particulate matter (PM). The health effects of these pollutants include a range of respiratory issues, especially asthma among children and seniors.



Ventura County RICE

How does EPA regulate stationary engines?

EPA air quality requirements for stationary engines differ according to:

- whether the engine is new or existing, and
- whether the engine is located at an **area source** (any stationary source of hazardous air pollutants that has the potential to emit less than 10 tons annually of a single hazardous pollutant or less than 25 tons annually of any combination of hazardous air pollutants) or a **major source** (any stationary source of hazardous air pollutants that has the potential to emit 10 tons or more annually of a single hazardous air pollutant or 25 tons per year or more of any combination of hazardous air pollutants) and whether the engine is a compression ignition or a spark ignition engine. "Spark ignition engines are further subdivided by power cycle - i.e., two vs. four stroke, and whether the engine is "rich burn" (burning

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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

Come September

Fall Home & Garden Show, Ventura County Fairgrounds (Seaside Park), September 14 – 16. Join APCD staff at the District display. According to public information manager Barbara L. Page, "We'll be there from Friday through Sunday to distribute air quality information and answer questions. And of course, we'll bring the Clean Air Wheel."

Air Streams

Coming soon, look for this on the APCD website. Air Streams will host short video segments featuring individuals, companies and agencies that are working toward clean air in this county. In addition, the section will also contain vintage footage of the "air" story and some other surprises.

with a higher amount of fuel as compared to air) or a "lean burn" (less fuel compared to air) engine.

(Note: the RICE rule applies to stationary engines and does not apply to motor vehicles, or to most non-road engines or to most emergency engines located at residential, institutional, or commercial area sources.)

In Ventura County

According to APCD engineering manager Kerby Zozula, the rule will require most engine owners to change the oil/filter and inspect air cleaners or spark plugs, hoses and/or belts on a prescribed schedule. For the largest engines, the rule will require add-on emission controls to reduce toxic emissions. Permitted sources for compression ignition engines will have until May 13, 2013 to comply with the new rule. For spark ignited engines, the compliance date is October 13, 2013. Zozula says staff has already contacted many permit holders and owners of agricultural pump engines.

He adds. "We expect to notify additional engine owners through advisories and through the permit renewal process."

It's a complex rule. A public comment submitted to the U.S. EPA in response for public input to the revisions, stated the rule, "...is the most complicated and confusing regulation in the entire suite of EPA NSPS and NESHAPS regulations, bar none. We seriously believe that a viable defense could be mounted against an EPA enforcement action with the simple but true statement, 'Your honor, we honestly could not discern our obligation under the rule in a timely manner'." But Zozula is here to help and will give more information on this if you contact him at 645-1421. You can also visit the website at www.epa.gov/ttn/atw/rice/ricep.html (Source: US EPA)

AirLines

Board highlights – June 12 & June 26 meetings. Due to public noticing requirements for the APCD FY 2012/2013 budget, there were two APCD Board Meetings in June.

June 12

- **Approved appointment of Daniel J. Murphy to the attorney position on the APCD Hearing Board.**

- **Public Hearing on the APCD Fiscal Year 2012/2013 budget.** Contact **Nancy Mendoza** at **645-1402** for budget details.

- **Approved repeal of Rule 37, Project XL.** In May 1995, the U.S. Environmental Protection Agency initiated the **Excellence in Leadership Program (Project XL)**. It envisioned EPA working with

governmental agencies and private companies to develop innovative solutions for environmental problems. That year, EPA selected Imation's Camarillo facility as one of the original eight Project XL participants. The terms of the "covenant" was for Imation to reduce its federally enforceable permit emissions cap from 254 to 120 tons per year of reactive organic compound emissions. In order to finalize the XL project there, EPA, Cal EPA and the District determined that the Imation XL Project should be formalized into an enforceable local APCD rule named Rule 37. Imation Camarillo ceased operation in mid-2008 and the federal permit was rendered inactive in 2009. Rule 37 is no longer necessary since the single source to which it applies no longer exists as an operating or air pollutant emitting entity. Contact **Stan Cowen** at **645-1408** for further information.,

- **Approved repeal of Rule 67, Vacuum Producing Devices.** This rule limits reactive organic compound emissions from "vacuum producing devices or systems including hot wells and accumulators. This rule only affects operating petroleum refineries and since there are none operating in Ventura County, there is no need for Rule 67 limits. Any new refinery would be subject to the more stringent limits of Rules 26 and 74.8. For information, contact **Stan Cowen** at **645-1408**.

- **Approved changes to grant funding for Lower-Emission School Bus**

Program projects for Briggs School District, Durham Transportation Services, Oxnard Union High School District, Moorpark Unified School District, and Ventura Unified School District.

These approved projects had either some increase needed in funding or a decrease, depending on the project. Each proposed change met California Air Resources Board Lower-Emission School Bus Program requirements. Contact **Stan Cowen** at **645-1408** for details.

- **Received and filed Comprehensive Audit for FY ending June 30, 2011.** Audit was done by the external auditor Vavrinek, Trine, Day & Co. The audit found no material weaknesses in the APCD financial systems.

June 26

- **Approved the 2012/13 Fiscal Year budget.**

- Approved appointment of **Steve DeGeorge** to the Ventura County Clean Air Fund Advisory Committee.

- Approved transfer of funds (\$250,000) to the **Oxnard Harbor District** to help pay for shore power installations that will cost the Port approximately 10 million dollars. Since diesel auxiliary electrical generating engines on ocean-going ships are a large source of air pollution at California ports and their surroundings, the California Air Resources Board adopted the **California at Berth Ocean-going Vessels Regulation** in December 2007. In order to comply

with this, California ports must install utility grid-powered electrical connections (shore power) by January 1, 2014. The shore power must reduce the use of onboard diesel generators by 50 percent in 2014; 70 percent in 2017; and 80 percent by 2020. The District funding comes from the Reliant Mitigation Fees Trust Fund. The Port is receiving additional funding from Proposition 1B, **The Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006**. For more information contact **Mike Villegas** at **645-1440**.

- Approved continuance of the Public Hearing on revisions to Rule 74.11.1 Large Water Heaters and Small Boilers and Rule 74.15.1, Boilers, Steam Generators and Process Heaters, until the September Board meeting.

- Approved a Ventura County Clean Air Fund project for a demonstration **Low-Rolling Resistance Tire Voucher Program**. The program will use vouchers at local tire retailers and will reimburse some of the cost on these tires. The California Energy Commission endorses these tires and says that switching to aftermarket fuel-efficient tires is one of the most cost-effective ways to reduce fuel consumption, which will reduce both ozone precursor emissions and greenhouse gas emissions.

- **Cancellation of July and August** Board meetings.

FOCUS on climate change

A recent report discusses sea-level rise on the West Coast



According to a report from the National Academy of Sciences, *Sea-Level Rise for the Coasts of California, Oregon, and*

Washington, tide gages show that global sea level has risen about 7 inches during the 20th century. In addition, recent satellite data shows that the rate of sea-level rise is accelerating. Sea level rise poses enormous risks to the valuable infrastructure, development, and wetlands that line much of the 1,600 mile shoreline of California, Oregon, and Washington. As those states seek to incorporate projections of sea-level rise into coastal planning, they asked the National Research Council to make independent projections of sea-level rise along their coasts for the years 2030, 2050, and 2100, taking into account regional factors that affect sea level.

Some key findings

- Melting of land ice is now the largest component of global sea-level rise largely because ice loss rates are increasing.

- Global sea level is projected to rise 3–9 inches by 2030; 7–19 inches by 2050, and 20–55 inches by 2100.
- Vertical land motions caused by plate tectonics and the ongoing response of the Earth to the disappearance of North American ice sheets have a significant impact on sea-level rise along the U.S. Pacific Coastline.
- Sea level along the California coast south of Cape Mendocino is projected to rise 2–12 inches by 2030; 5–24 inches by 2050; and 17–66 inches by 2100.
- For the Washington, Oregon and California coast north of Cape Mendocino, sea level is projected to change between 2-9 inches by 2030; 1-19 inches by 2050; and 4-56 inches by 2100.

For more information, visit dels.nas.edu/Report/Level-Rise-Coasts/13389

Protect yourself this summer. Be “sunwise.”

Ultra violet rays can harm your health. In just fifteen minutes, dangerous UV rays can damage unprotected skin. Too much time spent outside without adequate protection will reveal itself with age spots, deep wrinkles and even skin cancer. And, skin cancer is the number one type of cancer for both men and women. Over 90 percent of skin cancers are caused by excessive exposure to damaging rays. Sun damage occurs over a long period of time and it can take years for the problems associated with it to surface. The UV Index is a tool that provides a forecast of the strength of the sun's ultraviolet radiation for your community. Search for your local UV Index forecast by visiting the U.S. EPA's UV Index site at epa.gov/sunwise/uvindex. If you enter your zip code, the site will tell you the UV forecast for your area.



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 JUNE 2012					
Inspections	Month	Fiscal Year	Violations	Month	Fiscal Year
Asbestos Inspections	9	67			
Breakdowns Received and Investigated	7	122	Notices of Violation Issued	11	160
Complaints Received and Investigated	7	187	Cases Settled after Office Conference	16	161
Emergency Engine Verifications	0	346			
New Business	3	26			
Total: Permit/Other Inspections/Verifications	189	2,875	Total: Settlement/Fines	\$24,350	\$209,225

Sources Operating Under Variance JUNE 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 JUNE 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
021179	E.F. Oxnard LLC	Oxnard	Permit Condition Not Met - Turbine	6/12/2012
022528	OSI Electronics	Camarillo	Failure To Conduct Commute Survey - Communte Survey	6/22/2012
022645	Oxnard Wastewater Treatment Plant	Oxnard	Permit Condition Not Met - Digester	6/13/2012
022728	DCH Honda of Oxnard	Oxnard	Operating Without A Permit - Spray Booths	6/11/2012
022733	Vintage Production California LLC	Ventura	Operating Without A Permit - Oil Wells	6/6/2012
022856	Rincon Island Ltd. Partnership	Ventura	Improper Vapor Recovery System - Vapor Recovery System	6/28/2012
022902	Gooch & Housego (California) LLC	Moorpark	Operating Without A Permit - Cold Cleaners	6/4/2012
022952	Automobile Exchange	Oxnard	Operating Without A Permit - Spray Booth	6/27/2012
023001	Edwards Label	Ventura	Permit Condition Not Met - Graphic Arts	6/1/2012
023003	Edwards Label	Ventura	Permit Condition Not Met - Graphic Arts	6/1/2012
023004	Ozena Ranger Station	Ozena Valley	Non-CARB Title 17 Defect - V.R. System Testing Failure	6/29/2012



Engineering Update

ERC Balances by Company (Units – Tons per Year) As of July 5, 2012					
Company Name	ROC	NOx	PM ₁₀	SOx	Limitation
ABA Energy Corporation	3.83	0.00	0.00	0.00	Yes
Aer Glan Energy	0.93	0.00	0.00	0.02	Yes
Aera Energy LLC	0.02	0.49	0.45	0.04	No
Aera Energy LLC	234.92	11.41	1.24	0.40	Yes
Amgen, Inc.	0.00	4.97	0.00	0.00	No
Amgen, Inc.	0.11	0.00	0.07	0.01	Yes
Ample Resources, Inc.	0.01	0.00	0.00	0.00	No
BMW of North America	0.36	0.23	0.03	0.01	Yes
C. D. Lyon Construction, Inc.	0.70	0.00	0.00	0.00	Yes
Chevron Environmental Management	1.13	0.00	0.00	0.00	Yes
ChevronTexaco	0.44	1.67	0.09	0.03	No
ChevronTexaco	118.58	0.28	0.17	0.34	Yes
Compositair	0.00	0.06	0.00	0.00	No
Costco Wholesale Corporation	12.73	0.00	0.00	0.00	Yes
Dos Cuadras Offshore Resources	2.09	0.19	0.00	0.00	No
Dos Cuadras Offshore Resources	0.49	1.32	1.13	0.10	Yes
Element Markets LLC	0.00	0.26	0.36	0.00	Yes
Equilon California Pipeline Co. LLC	6.93	0.00	0.00	0.00	No
GenOn West, LP	0.27	0.47	0.76	0.01	Yes
Gilroy Foods, Inc.	0.00	0.09	0.01	0.00	Yes
Haas Automation	0.00	0.06	0.00	0.00	Yes
Hanson Aggregates	0.00	0.00	0.69	0.00	Yes
Hunter Resources Development	0.09	0.01	0.01	0.00	No
KTI Engineers & Constructors	0.00	0.00	1.50	0.00	Yes
Mirada Petroleum, Inc.	0.05	0.00	0.00	0.00	Yes
Naval Base Ventura County	2.76	0.11	3.90	0.04	No
Naval Base Ventura County	0.09	4.74	0.45	0.54	Yes
Nestle Food Company	0.11	1.54	0.12	0.02	Yes
Northrop Grumman Corporation	0.00	0.01	0.01	0.01	Yes
Occidental Chemical Corporation	0.07	3.79	1.33	0.02	Yes
Oxnard Lemon Company	0.00	0.10	0.00	0.00	Yes
P.W. Gillibrand Company Inc.	0.00	1.11	0.00	0.03	No
Pacific Custom Materials, Inc.	0.00	0.00	0.57	0.00	No
Pacific Operators Offshore LLC	0.21	1.77	0.09	0.02	No
Pacific Recovery Corporation	0.12	0.00	0.00	0.03	No
Parker Advanced Filtration	6.33	0.00	0.00	0.00	No
Procter & Gamble Paper Products	45.84	22.17	19.71	0.00	No
Procter & Gamble Paper Products	0.00	0.00	3.44	0.00	Yes
PTI Technologies, Inc.	0.25	0.00	0.00	0.00	No
Reichhold Chemicals, Inc.	0.00	0.10	0.00	0.00	No
Royal Coatings	0.06	0.00	0.00	0.00	No
Santa Fe Energy Operating Partners	0.01	0.00	0.00	0.00	Yes
Santa Fe Minerals, Inc.	0.55	0.00	0.00	0.00	Yes

ERC Balances by Company (Units – Tons per Year) As of July 5, 2012					
Company Name	ROC	NOx	PM ₁₀	SOx	Limitation
Seneca Resources Corporation	2.57	0.02	0.00	0.00	No
Seneca Resources Corporation	0.35	0.14	0.00	0.00	Yes
Shell California Pipeline Co.	5.04	0.00	0.00	0.00	Yes
Skyworks Solutions, Inc.	0.01	0.00	0.00	0.00	Yes
Solar World Industries American LP	0.51	0.00	0.00	0.00	No
Solar World Industries American LP	4.65	0.00	0.00	0.00	Yes
Southern California Edison Co.	34.84	107.68	0.22	0.16	No
St. John's Regional Medical Center	0.00	0.18	0.00	0.00	No
Sully Miller Contracting Co.	0.36	1.51	3.33	0.02	Yes
Technicolor Home Entertainment	0.01	0.00	0.00	0.00	Yes
TEG Oil & Gas USA, Inc.	0.30	0.00	0.00	0.00	No
The Boeing Company	0.45	0.01	0.00	0.00	No
The Boeing Company	0.25	2.81	0.61	0.57	Yes
The Termo Company	0.02	0.00	0.00	0.00	Yes
Tri-Valley Oil and Gas	2.48	0.00	0.00	0.00	No
Tri-Valley Oil and Gas	1.80	0.51	0.03	0.01	Yes
Unocal	4.45	0.00	0.00	0.00	Yes
Vaquero Energy	0.53	0.79	0.00	0.00	No
Venoco, Inc.	0.22	19.54	0.05	0.00	No
Venoco, Inc.	11.63	6.13	0.79	0.14	Yes
Ventura County APCD Board	55.00	0.00	0.00	0.00	No
Vintage Production California LLC	52.47	4.65	0.32	0.02	No
Vintage Production California LLC	1.56	83.66	1.47	0.14	Yes
Waste Management of California	0.00	16.09	0.00	0.00	No

Each balance above represents one or more ERC Certificates. If there is a “Limitation” on a balance, no reactive organic compound or nitrogen oxide emission reduction credits in that balance may be used for emission offsets at a stationary source that has permitted emissions greater than 25 tons per year of that pollutant. (See Rule 26.4.D.3 for details).

A more detailed report is available on the forms page (under Downloads-Permits-ERC Report-Emission Reduction Credits) on the District website (www.vcapcd.org). If you have any questions, please contact Kerby E. Zozula, Engineering Division Manager, at 805/645-1421.

**Permit Activities
June 2012**

Authorities to Construct	Month	Permits to Operate	Month
Permits Requested	5	Permits Requested	24
Permits Issued	8	Permits Issued	30
Applications Under Review	24	Applications Under Review	90
Sources Holding Permits	117	Sources Holding Permits	1400
Average Turnaround Time	6.2 weeks	Average Turnaround Time	8.3 weeks

**Authority to Construct Applications Received
June 2012**

Permit	Facility	City	Project Description
00035-150	Wayne J. Sand and Gravel Inc.	Moorpark	Diesel Engine Replacement Project
07500-120	Maverick Oil	Ojai	Install Gasoline Engines
08160-100	Team Industrial Services	Ventura County	Portable Heater/Furnace
08161-100	American Warehouse Equip.	Simi Valley	New Metal Part Coating Operation
08162-100	Envtech Tank Services LLC	Ventura County	Portable Hot Water Heater

**Authorities to Construct Issued
June 2012**

Permit	Facility	City	Project Description
00053-370	Vintage Production California LLC	Santa Paula	Drill NR No. 16
00053-400	Vintage Production California LLC	Santa Paula	Drill Five (5) MR Oil Wells
00053-420	Vintage Production California LLC	Santa Paula	Drill Twenty New Oil Wells
01291-510	Skyworks Solutions, Inc.	Newbury Park	Install New Emergency Engine
01291-520	Skyworks Solutions, Inc.	Newbury Park	Install Lift-Off Tool
07340-160	Toland Road Landfill	Santa Paula	Install Oxidizer - Biosolids Facility
07995-130	DCOR, LLC	Piru	Extend AC - 100 (No. 2)
08007-130	DCOR, LLC	Piru	Extend AC - 100

**Permit to Operate Applications Received
June 2012**

Permit	Facility	City	Project Description
00013-331	Mandalay Generating Station	Oxnard	Acid Rain Permit Renewal (No. 3)
00053-323	Vintage Production California LLC	Santa Paula	Operate NR No. 15
00053-371	Vintage Production California LLC	Santa Paula	Operate NR No. 16
00065-281	Ormond Beach Gen. Station	Oxnard	Acid Rain Permit Renewal (No. 3)
00157-261	Int'l Paper, Hueneme Paper Mill	Oxnard	Part 70 Administrative Amendment
00396-431	Venoco, Inc. - West Montalvo	Oxnard	Rule 74.16 - Redrill State D-4
00536-141	Ricoh Printing Systems America	Simi Valley	Increase IPA Usage Limit
00879-131	Pacific Vehicle Processors Inc	Oxnard	New Coating Operation & Spray Booth
00984-342	Vintage Production California LLC	Fillmore	Oil Well Dana 2D-7
01207-601	Naval Base Ventura County	San Nicolas Island	Operate Stationary Diesel Engines
01395-291	Simi Valley Landfill	Simi Valley	Part 70 Reissuance No. 2
01399-171	VRSD Oxnard Landfills	Oxnard	Part 70 Reissuance 2012
01493-421	Platform Grace	Offshore Ventura	Part 70 Reissuance 2012
01494-491	Platform Gail	Offshore Ventura	Revise Crew Work Boat List
01494-501	Platform Gail	Offshore Ventura	Part 70 Reissuance 2012
04027-121	Holiday Cleaners	Camarillo	Replace Dry Cleaning Machine - Petroleum
07249-141	Gooch & Housego (California) LLC	Moorpark	Existing Cold Cleaners
07340-171	Toland Road Landfill	Santa Paula	Part 70 Reissuance 2012
07891-101	McGrath Beach Peaker	Oxnard	Peaking Turbine - Part 70 Permit
07901-T01	Janss 9 Marketplace	Thousand Oaks	Transfer of Ownership - GTI
08115-111	Cal Sun Produce LLC	Oxnard	Operate New Boiler
08121-101	Granite Construction Company	Ventura County	Portable Crumb Rubber Plant RP1
08132-101	Houweling's Nurseries	Camarillo	Operate New Cogen Engines
08140-111	Joe's Discount Cleaners	Simi Valley	Modify Monitoring Frequency

**Permits to Operate Issued
June 2012**

Permit	Facility	City	Project Description
00041-1263	Aera Energy LLC	Ventura	Operate Three (3) Wells
00041-1333	Aera Energy LLC	Ventura	Operate One (1) Taylor Well
00041-1371	Aera Energy LLC	Ventura	Well Replacement - Taylor 711
00041-1381	Aera Energy LLC	Ventura	New Well VLW183
00041-1382	Aera Energy LLC	Ventura	Replacement Wells
00041-1391	Aera Energy LLC	Ventura	Increase Silo Throughput Limit
00053-431	Vintage Production California LLC	Santa Paula	Rule 74.16 - Twenty Wells
00054-331	Vintage Production California LLC	Fillmore	Rule 74.16 Exemption - 321 Revised
00322-251	Seneca Resources Corporation	Fillmore	Operate White Star Nos. 533-33 and 534-33
00396-401	Venoco, Inc. - West Montalvo	Oxnard	Existing Oilfield Flares
00464-221	Pentair Pool Products, Inc.	Moorpark	Increase Material Usage Limit
00984-411	Vintage Production California LLC	Fillmore	Revise Rule 74.16 - No. 371
00984-421	Vintage Production California LLC	Fillmore	Revise Rule 74.16 - No. 351
00990-251	Seneca Resources Corporation	Fillmore	Rule 35 FESOP Permit Consolidation
01291-471	Skyworks Solutions, Inc.	Newbury Park	Increase Usage Limits
05430-T01	USA Gasoline #63208	Oxnard	Transfer of Ownership - Tesoro
05434-T01	USA Gasoline #63217	Simi Valley	Transfer of Ownership - Tesoro
05435-T01	USA Gasoline #63211	Thousand Oaks	Transfer of Ownership - Tesoro
05441-T01	USA Gasoline #63216	Simi Valley	Transfer of Ownership - Tesoro
05443-T01	USA Gasoline #63215	Simi Valley	Transfer of Ownership - Tesoro
05669-T01	USA Gasoline #63207	Oak View	Transfer of Ownership - Tesoro
05719-T01	USA Gasoline #63036	Ventura	Transfer of Ownership - Tesoro
06106-T03	ConocoPhillips #256923	Simi Valley	Transfer of Ownership - CP
07697-111	T Mobile - Simi Valley MSG Site	Simi Valley	Emergency Diesel Engine Replacement Project
07901-T01	Janss 9 Marketplace	Thousand Oaks	Transfer of Ownership - GTI
08082-171	DCOR, LLC	Piru	Rule 74.16 - Temescal 24 & 25
08113-101	Channel Islands Site	Port Hueneme	New Emergency Diesel Engine
08119-101	Center Point Mall (VES)	Oxnard	Operate Vapor Extraction System
08152-101	TreeScapes	Ventura County	Existing Portable Wood Chipper Engines
08156-101	California Sandblasting & Coating	Ventura County	Portable Abrasive Blasting Operation



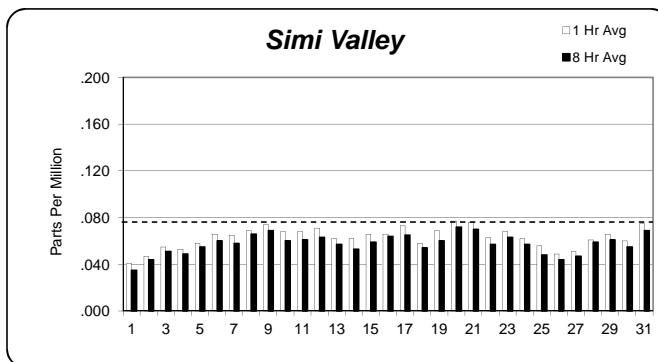
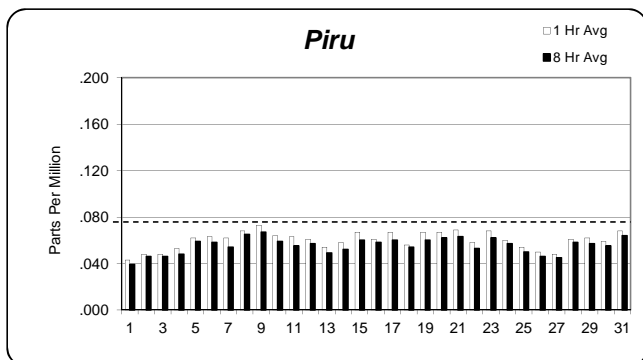
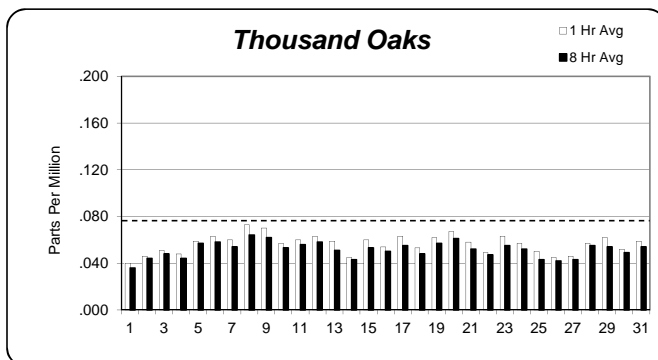
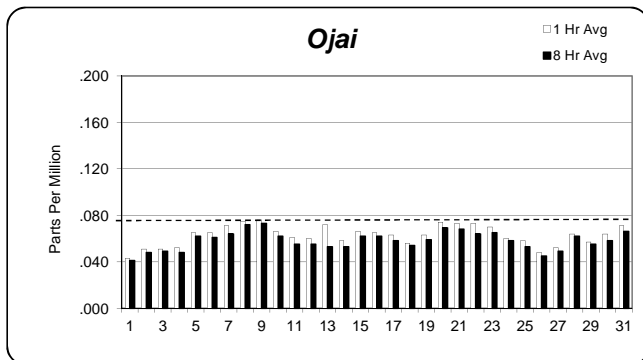
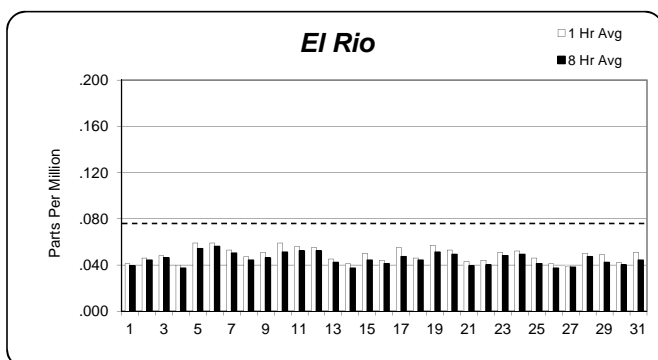
Ozone Report

MAY 2012

There were no exceedances of the California 1-Hour standard or the Federal 8-Hour standard. The California 8-Hour standard was exceeded on 2 days at Ojai and on 1 day at Simi Valley. The maximum 1-hour average was .077 ppm at Simi Valley; the maximum 8-hour average was .073 ppm at Ojai.

OZONE DATA THROUGH 6/18/2012

Monitoring Station	Exceedance Days			Maximum Concentration	
	State		National	Parts Per Million (ppm)	
	1-hr	8-hr	8-hr	1-hr	8-hr
El Rio – Rio Mesa School #2	0	0	0	0.072	0.061
Ojai – Ojai Avenue	0	10	4	0.091	0.081
Piru – 3301 Pacific Avenue	0	4	0	0.081	0.075
Simi Valley – Cochran Street	0	6	3	0.093	0.084
Thousand Oaks – Moorpark Road	0	0	0	0.073	0.069



PPM AIR QUALITY STANDARD

- .070 CALIFORNIA 8 HR AVG CLEAN AIR STANDARD
- .075 NATIONAL 8 HR AVG CLEAN AIR STANDARD
- .090 CALIFORNIA 1 HR AVG CLEAN AIR STANDARD
- .150 CALIFORNIA 1 HR AVG HEALTH ADVISORY
Avoid prolonged vigorous outdoor exercise.
Sensitive individuals avoid all outdoor activity.