

# SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

JULY 2011

## My life in the “air”

by Keith Duval, Deputy Air Pollution Control Officer

*Mr. Duval will be retiring this June after being with the District for almost 30 years. Here, in his own words, is his professional air quality story.*

I graduated from Cal Poly San Luis Obispo in 1973. After college, I spent four years at an environmental consulting company, a position that allowed me to travel around the country quite a bit. I spent three years at Santa Barbara County Air Pollution Control District working on permits and supervising an engineer and several inspectors.

In August 1981, I joined the Ventura County Air Pollution Control District. I began my career here as a permit engineer; a position that gave me a broad background of the facilities in the County. I worked on permits for everything from dry cleaners, auto body shops and oil fields, to large cogeneration and manufacturing projects. I wrote the Authority to Construct for Willamette Industries' (now International Paper) cogeneration project - - their gas turbine was the first turbine in the US with an operational selective catalytic reduction system.



**At the APCD Ojai film premiere of *Air – the search for one clean breath*, September, 2008.**

In 1988 I was promoted to manager of the newly formed Rule Development Division. The Division eventually had five engineers who wrote air quality rules and regulations. This was shortly after passage of the California Clean Air Act, and the federal Clean Air Act was adopted two years later. As a result of these laws, the District had to adopt a large number of rules to reduce emissions of ROC and NOx. The County was woefully out of compliance with the federal and state air quality

standards for ozone. We developed or revised rules for oil and gas operations; internal combustion engines; oil well drilling; many coating operations; and the biggest of them all, *Rule 59* which required the County's two power plants - - then operated by Southern California Edison - - to install selective catalytic reduction to reduce NOx emissions. Rule 59 achieved over a 90 percent NOx reduction from the two biggest stationary sources in the County. These were all done to help Ventura County attain the ozone standards. In 1994 I moved over to manage the Compliance Division. Now I had to enforce the rules that I had recently been in charge of getting adopted, and the permit requirements that I had previously written. I also inherited Rule 210, the District's Trip Reduction Program - - which was, unfortunately, universally loathed by all who came in contact with it. Many businesses in the County were working towards complying with newly adopted air quality rules. The inspectors became

(Continued on page 3)

## AIR POLLUTION CONTROL BOARD

June 28, 2011

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

## APCD ADVISORY COMMITTEE

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

## CLEAN AIR FUND ADVISORY COMMITTEE

To Be Announced

5 p.m.  
Large Conference Room  
669 County Square Drive  
Ventura

## 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

June 22, 2011

Wednesday, 10:00 a.m.  
Santa Barbara APCD  
260 North San Antonio Road  
Santa Barbara

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

## APCD RULE WORKSHOPS

See Rule Update section.

## Air Pollution Control Board

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

## Ventura County

**Air Pollution Control District**  
669 County Square Drive, 2<sup>nd</sup> Floor  
Ventura CA 93003

## Air Pollution Control Officer

Michael Villegas

## Skylines

Editor – Barbara L. Page  
Desktop Publishing –  
Suzanne Devine

## Directory

General Information	<b>645-1400</b>
Fax	<b>645-1444</b>
Website	<b><a href="http://www.vcapcd.org">www.vcapcd.org</a></b>

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	645-1403
Permit renewal	645-1404
Public information	645-1415
Smoking vehicle	
Hotline	800/559-SMOG
Email address	<a href="mailto:info@vcapcd.org">info@vcapcd.org</a>

educators by informing businesses about the rules that affected them. Numerous businesses needed additional time to comply, so our Hearing Board activity was quite high as we worked to help the businesses obtain variances.

In the intervening years a lot of regulations have come down from ARB pertaining to vapor recovery at gas stations, Air Toxic Control Measures for portable and stationary diesel engines. A lot of our rules have been updated to incorporate current control technologies. We are now in the process of getting agricultural engines registered and making sure that older diesel engines are being taken out of service.

In September 2006 APCD was forced to reduce management staff. I was put in charge of both the Engineering and Air Monitoring divisions, as well as the Compliance division.

### Challenges & accomplishments

For me, keeping up with the many new and revised rules and regulations was the greatest challenge. It seems

that as soon as we implement one new regulation, another one is waiting in the wings to be adopted and implemented. We've had to begin regulating and educating a lot of new business - - such as agricultural sources and portable engine operators. As new regulations to reduce greenhouse gas emissions are being adopted by the state, the District will again begin regulating some entirely new businesses.

For me, seeing our ozone levels decline is a great feeling. In 1981, the year I started here, the federal ozone standard was 0.12 parts per million and we exceeded the standard on 85 days and had a peak one-hour value of 0.23 ppm. Over the years, EPA has lowered the standard to 0.075 ppm and last year we had just six days over the standard with a peak one-hour value of 0.09 ppm. It's been great to be a part of that!

### Retirement plans

I want to surf a lot more, and start camping again with my wife, Linda, and our two dogs. We recently bought a

camping trailer that will let us travel far and wide. I want do a lot more woodworking, and I will be helping out in the Cabrillo Middle School woodshop several days a week. And, I'll be able to volunteer at our church during the week.

In my 30 years with the APCD I've had the chance to work closely with almost every APCD staff member. It's a great team that has faced enormous challenges. Everyone has always performed professionally and worked towards the goal of providing clean air for the citizens of Ventura County. I am proud to have worked for such a well respected agency. I've also enjoyed working with the many people from the business community over the years.

Finally, I want to thank our APCO Mike Villegas, and our previous APCO Dick Baldwin, for having so much faith in me and giving me so much responsibility. Now it's time to turn the keys over to someone else. As I've been telling my staff, "Change is good!"

## AirLines

**Board highlights.** At its May 10 & April 12 meetings, the Ventura County Air Pollution Control Board took action on the following items.

-Appointed **Robert Cole** of Camarillo, **Richard Cook** of Santa Paula, **Thomas Lucas** from Supervisorial District Four, **Richard S. Nick** of Supervisorial District Three, and **Brandon Millan** of Thousand Oaks as members

of the APCD Advisory Committee.

- Appointed **Michael David Stubblefield** and **Stephen Craig Hurlock** to the public member positions on the APCD Hearing Board.
- Received and filed comprehensive audit for fiscal year ending June 30, 2010.
- Approved Board Chair to sign a letter of

support for the California Air Resources Board's Proposed Amendments to the Regulations for Ocean-Going Ship Main Engines, Auxiliary Engines, and Auxiliary Boilers.

### And speaking of ships.

According to the California Air Resources Board, data collected during a major 2010 state-federal

atmospheric research project reveal that the first-in-the-nation regulation requiring ocean-going vessels to use clean fuel when near the California coast has been extremely effective in reducing sulfur dioxide pollution from ships.

The California data were compared to ship-plume measurements made by NOAA near the Port of Houston, Texas in 2006. One finding was that container ships encountered off the Port of Houston, where no clean-fuel use is required, emitted four times as much sulfur dioxide.

Ships, especially ocean-going vessels, are powered by very large diesel engines that generate a tremendous amount of pollution impacting air quality

onshore. For some coastal counties in California, ships are the largest source of sulfur dioxide pollution.

The 2008 ocean-going vessel fuel-use regulation requires all ocean-going vessels within 24 nautical miles of California's coastline use cleaner-burning diesel fuel to reduce emissions of sulfur oxides, nitrogen oxides and diesel particulate matter, a known carcinogen. Since the regulation began implementation in 2009, ships have made over 18,000 visits to California ports using the lower-sulfur marine distillates rather than the highly polluting heavy-fuel oil, often called bunker fuel. For more information, contact the California Air Resources Board.

The **Sky Savers Program** is still going strong. Visit [www.skysavers.org](http://www.skysavers.org) to download coupons for environmental products and services. And hurry! Many of the offers expire soon.



**Partnering with children's museum.** The District and Oxnard's **Gull Wings Children's**

**Museum** are joining to distribute materials on air quality to kids. Our mascot, Skykeeper Rabbit, will have his Activity Book and Placemat available at Gull Wings this summer for museum visitors. Check out the museum at [www.gullwings.org](http://www.gullwings.org).

## **focus** on climate change

*Some interesting observations regarding climate change and civilization.*

According to the *Smithsonian Magazine* (March 2011), a new analysis of tree rings from more than 9,000 European pines, larches, and oaks provides a climate record going back 2,500 years. Scientists in Switzerland and elsewhere linked the data to history. For instance, the Roman empire thrived during a period of above average temperatures, which ended around A.D. 250, followed by 300 years of extreme variability - - and the fall of the empire.

And climate change has been discussed by another Smithsonian scholar. Rick Potts is the director of the Human Origins Program at the Smithsonian and Curator of the David H. Koch Hall of Human Origins at the Smithsonian Natural History Museum. Potts joined the Smithsonian in 1985 and has dedicated his work to piecing together the record of Earth's environmental change and human adaptation. He is co-author of the book, *What Does it mean*

*to be Human?* (2010, National Geographic, Washington, D.C.) In an interview in the *Smithsonian Magazine* in March 2010, he was asked the following:

### **How will versatility benefit humanity as it confronts global climate change?**

The rate of global climate change poses a serious challenge today. I'm especially concerned about the element of instability, which causes uncertainty about precisely how we should respond. But I'm actually quite optimistic about our future. By virtue of our evolutionary history, we have amazing social abilities - - the ability to change our minds and build new understandings of the world. Those traits have never existed in any other organism, including our early ancestors.

For more on this, visit the Smithsonian website at <http://humanorigins.si.edu>



# Engineering Update

<b>ERC Balances by Company (Units – Tons per Year) As of June 9, 2011</b>					
Company Name	ROC	NOx	PM <sub>10</sub>	SOx	Limitation
Aer Glan Energy	3.70	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	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	4.22	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	0.12	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	0.37	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
PTI Technologies Inc.	0.40	0.00	0.00	0.00	Yes
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

<b>ERC Balances by Company (Units – Tons per Year) As of June 9, 2011</b>					
Company Name	ROC	NOx	PM <sub>10</sub>	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
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.	49.21	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
Tenby, Inc.	43.27	0.00	0.00	0.00	No
The Boeing Company	0.44	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	0.88	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.	12.04	6.13	0.79	0.14	Yes
Ventura County APCD Board	55.00	0.00	0.00	0.00	No
Vintage Production California LLC	0.02	3.98	0.14	0.01	No
Vintage Production California LLC	1.56	83.66	1.47	0.14	Yes
Waste Management of California	0.00	16.08	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](http://www.vcapcd.org)). If you have any questions, please contact Kerby E. Zozula, Engineering Division Manager, at 805/645-1421.



**Permit Activities  
May 2011**

<b>Authorities to Construct</b>	<b>Month</b>	<b>Permits to Operate</b>	<b>Month</b>
Permits Requested	6	Permits Requested	20
Permits Issued	4	Permits Issued	17
Applications Under Review	26	Applications Under Review	62
Sources Holding Permits	97	Sources Holding Permits	1413
Average Turnaround Time	5.1	Average Turnaround Time	4.2

**Authority to Construct Applications Received  
May 2011**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00058-280	Vintage Production California LLC	Piru	Tank Replacement Project
00066-220	Maulhardt Lease - Oxnard Oilfield	Oxnard	Additional Oil Storage Tanks
00602-120	American Collision Center	Thousand Oaks	Replace Booth & Increase Coatings Use
08082-120	DCOR, LLC	Piru	Install Tank Battery
08082-130	DCOR, LLC	Piru	Drill Temescal No. 23
08129-100	Vulcan Materials Co., Western Div.	Ventura County	Portable Crumb Rubber Plant

**Authorities to Construct Issued  
May 2011**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00008-720	Vintage Production California LLC	Ventura	Drill Two (2) Hobson Wells
00008-740	Vintage Production California LLC	Ventura	Drill Four (4) Grubb Wells
00396-370	Venoco, Inc. - West Montalvo	Oxnard	Oil Tank Modifications
08114-100	Crossroads Cleaners (VES)	Camarillo	Soil Vapor Extraction - Perchloroethylene

**Permit to Operate Applications Received  
May 2011**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00066-201	Maulhardt Lease - Oxnard Oilfield	Oxnard	New Well - Dorothy Moon No. 1
00171-181	Santa Clara Waste Water Co.	Santa Paula	Existing Tank Bottoms Treating Equipment
00335-131	Chemassist, L.L.C.	Fillmore	Existing Oil Loading Facility
00396-381	Venoco, Inc. - West Montalvo	Oxnard	Revise Exemption - 311
00470-141	Pepsi Bottling Group, Inc.	Ventura	Replace Printing Equipment
00576-121	City Auto Body	Simi Valley	New Booth & Relocate Operations

**Permit to Operate Applications Received (continued)  
May 2011**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
01207-561	Naval Base Ventura County	San Nicolas Island	New Portable Engines
01412-131	Republic Fastener Mfg. Corp.	Newbury Park	Modify Monitoring Conditions
05445-131	Oxnard Arco	Oxnard	Increase Gasoline Throughput Limit
06454-101	Propel - Oxnard Vineyard Chevron	Oxnard	Fuel Tanks - E85 & Biodiesel
07341-151	Seminis Vegetable Seeds, Inc.	Oxnard	Modify Chemical Usage
07392-111	Hales Engineering	Camarillo	Increase Coatings Usage - Aerospace
07854-111	Hill Canyon Wastewater Plant	Camarillo	Operate New Cogeneration Engine
08008-141	Mission Rock Rd Asphalt Facility	Santa Paula	Existing Asphalt Reject Chute
08082-141	DCOR, LLC	Piru	Rule 74.16 - Temescal No. 23
08114-101	Crossroads Cleaners (VES)	Camarillo	Soil Vapor Extraction - Perchloroethylene
08127-101	Kings Oil Tools, Inc.	Ventura County	Portable Circulating Pump Engine - OCS
08128-101	Geosyntec Consultants (VES)	Camarillo	Methane Soil Vapor Extraction System
08130-101	Well-Pict Inc.	Oxnard	Emergency Diesel Engine
08131-101	Borchard Road Pump Station	Thousand Oaks	Emergency Diesel Engine

**Permits to Operate Issued  
May 2011**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00008-731	Vintage Production California LLC	Ventura	Rule 74.16 - Hobson Wells
00008-751	Vintage Production California LLC	Ventura	Rule 74.16 - Four (4) Grubb Wells
00052-181	Anterra Energy Services Inc.	Oxnard	Operate New Tank
00264-251	Bluestar Silicones USA Corporation	Ventura	New Process Line
00322-261	Seneca Resources Corporation	Fillmore	Rule 74.16 - Four (4) Wells
00396-381	Venoco, Inc. - West Montalvo	Oxnard	Revise Exemption - 311
00959-161	Mirada Petroleum, Inc.	Piru	Replace Wash Tank
01137-291	Oxnard Wastewater Treatment Plant	Oxnard	New Emergency Engine
06414-151	7-Eleven #33513	Fillmore	Increase Gasoline Throughput Limit
07039-111	Elliot's Unfinished Furniture	Ventura	Increase Coatings Usage Limit
07379-111	Simi Valley Recycling Center, Inc.	Simi Valley	Engine Replacement Project
07391-T01	Martinez Body Shop	Oxnard	Transfer of Ownership - MBS
07818-111	Carl's Jr. #104	Oxnard	Replace Charbroiler
07894-111	Former Al Sal Co. Station #22	Newbury Park	Operate Carbon System - VES
08089-101	Santa Paula Rock	Santa Paula	New Sand and Gravel Plant
08103-101	Lowe's Oxnard	Oxnard	New Emergency Engine
08124-101	Kings Oil Tools, Inc.	Ventura County	Portable Mud Pump Engine - OCS





# Rule Development Update

Visit [www.vcapcd.org/rules\\_division.htm](http://www.vcapcd.org/rules_division.htm)

## Air Pollution Control Board

**Prevention of Significant Deterioration** (Rule 26.13 – New): On June 28, 2011, at 11:00 am, the Air Pollution Control Board will hold a public hearing to consider proposed 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. In Ventura County, the PSD permitting program is currently 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.

Proposed Rule 26.13 is based on this model rule. In addition, existing PSD Rule 26.10, which requires a source operator to obtain a PSD permit from EPA, is proposed for repeal. For additional information, contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

## Recent Board Actions

**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](mailto: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 **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

**Permit Fees** (Rule 42 – Revised): On April 12, 2011, the Air Pollution Control Board adopted revisions to Rule 42. The revisions include a 2.0 percent permit renewal fee rate increase, effective July 1, 2011. For permit holders paying the minimum fee, adoption of this proposal will result in a fee increase of no more than \$10.00 per year.

District operations are funded by state and federal grants, automobile registration fees, and fees charged to sources of air pollution. The APCD receives no property tax revenue or general fund revenue. The fee increase is necessary to offset rising expenses. For additional information contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

**Hearing Board Rules** (Rules 112, 117, 120, 123, 124, 126 – Revised): On December 14, 2010, the Air Pollution Control Board adopted revisions to six Regulation VII Hearing Board rules. The amended rules are:

1. Rule 112, Contents of Petitions
2. Rule 120, Notice of Hearing
3. Rule 123, Findings, Variance or Abatement Order
4. Rule 124, Decision
5. Rule 126, Effective Date of Decision

Rule 117, Answers, was repealed. No emission reductions will result from the proposed changes, which are meant to both facilitate administration of the Hearing Board and align the rules more closely with California Health and Safety Code.

The final rules and final staff report appear on the District's website. For additional information contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

**Natural Gas-Fired Water Heaters** (Rule 74.11 – Revised): On May 11, 2010, the Air Pollution Control Board readopted revisions to Rule 74.11. The revised rule limits NOx emissions from new general use natural gas-fired water heaters with a capacity of less than 75,000 BTUs/hour to 10 nanograms per joule (ng/j). In addition, new natural gas mobile home water heaters are now required to meet a NOx limit of 40 ng/j. The new limits went into effect on July 1, 2010, and apply to both residential and commercial applications. Other minor revisions were also adopted.

The new NOx limits are the same as those in SCAQMD Rule 1121, which took effect on January 1, 2006. Since that date, many complying water heaters have become available in Southern California. The cost-effectiveness of general-use water heater proposal varies from \$4,736 to \$15,787 per ton of NOx reduced. For mobile home water heaters, the cost effectiveness varies from \$8,992 to \$14,297 per ton of NOx reduced.

The final rule and staff report appear on the District's website. For additional information contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

## **Compliance Dates**

- 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](mailto: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](mailto: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](mailto: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 **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@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](mailto: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](mailto: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](mailto:chrisf@vcapcd.org).



# Enforcement Update

<b>Enforcement Activities MAY 2011</b>					
<b>Inspections</b>	<b>Month</b>	<b>Fiscal Year</b>	<b>Violations</b>	<b>Month</b>	<b>Fiscal Year</b>
Permit/Other Inspections	224	2,538	Notices of Violation Issued	9	163
Complaints Received and Investigated	14	214	Cases Settled after Office Conference	22	148
Breakdowns Received and Investigated	10	90			
Asbestos Inspections	11	52			
New Business	4	42	Settlement/Fines	\$26,350	\$182,365

<b>Sources Operating Under Variance MAY 2011</b>					
<b>No./Type</b>	<b>Facility/Location</b>	<b>Source</b>	<b>Rule</b>	<b>End Date</b>	<b>Status</b>
835/ Short	Venoco Inc. - Platform Gail	3 Gas Turbines	29.C	5-29-11	In Compliance

<b>Sources Operating Under Stipulated Conditional Order of Abatement MAY 2011</b>					
<b>No.</b>	<b>Facility/Location</b>	<b>Source</b>	<b>Rule</b>	<b>End Date</b>	<b>Status</b>
<b>None at this time</b>					

**Notices Of Violation  
May 2011**

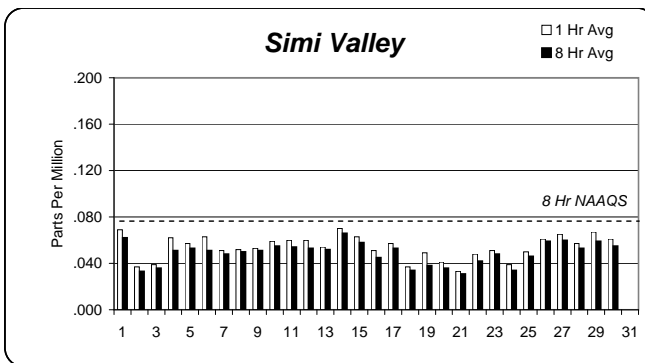
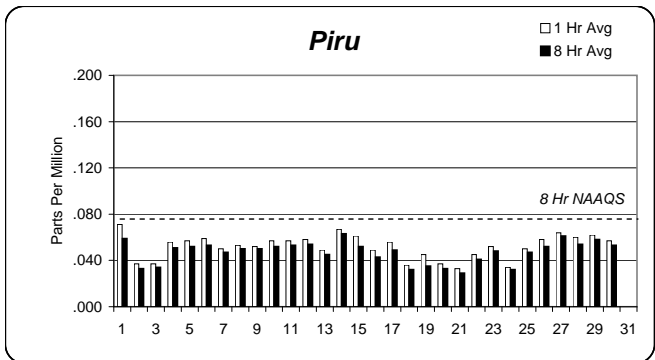
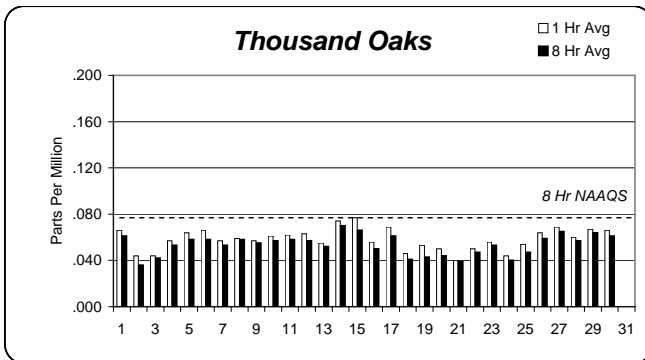
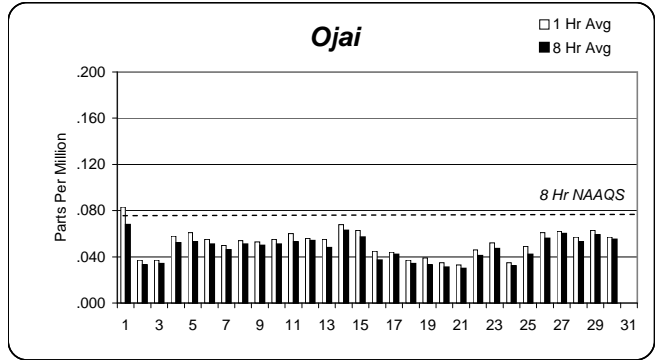
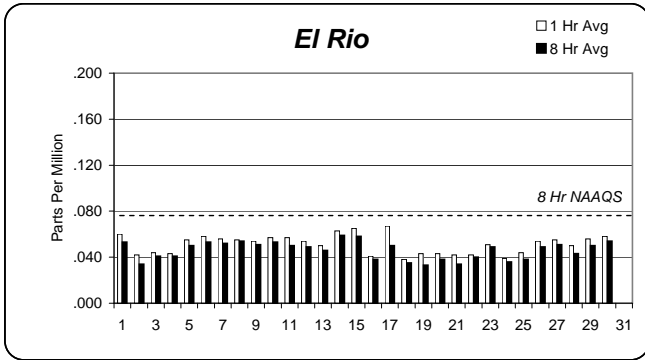
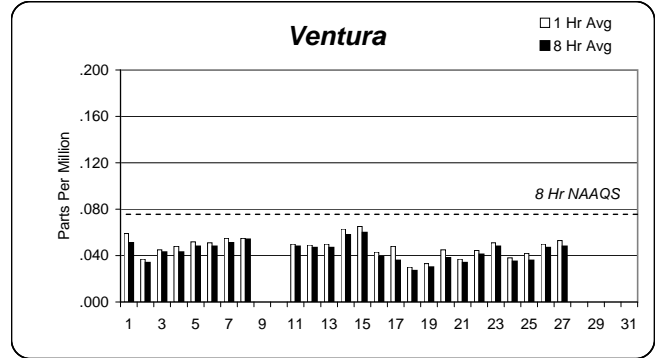
<b>NOV No</b>	<b>Facility Name</b>	<b>Phys City</b>	<b>Comment</b>	<b>NOV Date</b>
022192	Southern California Gas Co.	Simi Valley	CARB Title 17 Defect-PHI/II - Static Decay Test	5/10/2011
022432	Gooch & Housego (California) LLC	Moorpark	Improper Storage Waste Solvent - Vapor Degreaser	5/10/2011
022433	7-Eleven Store #33567	Camarillo	CARB Title 17 Defect-PHI/II - V.R. System Testing Failure	5/19/2011
022473	Oxnard Arco	Oxnard	Permit Condition Not Met - Exceeding Gasoline Throughput Limit	5/25/2011
022512	The Reserve at Thousand Oaks	Thousand Oaks	Permit Condition Not Met - Exceeding Emergency Engine Hours	5/5/2011
022575	Vintage Production California LLC	Piru	Operating Without A Permit - Oil Tanks	5/16/2011
022675	Aurora Casting & Engineering, Inc.	Santa Paula	Operating Without A Permit - Boiler	5/12/2011
022676	Platform Gail	Offshore of Ventura	Operating Without A Permit - Oilfield	5/31/2011
022706	R & J Auto Body	Oxnard	Operating Without A Permit - Autobody	5/3/2011



# Ozone Report

APRIL 2011

There were no days exceeding the levels of the California 1-hour standard, the Federal 8-hour standard, or the California 8-hour standard. The maximum 1-hour average was .083 at Ojai; the maximum 8-hour average was .070 at Thousand Oaks.



## 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.