


# SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

## Jerry's most excellent adventure

NOVEMBER 2006

*APCD engineer Jerry Mason retired from the District this October after 15 years of service. Skylines recently interviewed him about his involvement in the Carl Moyer Program, beginning in 1998.*

### Can you give us a brief history of the Carl Moyer program and your involvement with it?

**Mason.** To understand the Carl Moyer Program, one must know something about Carl Moyer. Carl was a brilliant yet practical environmentalist. He thought the air should be clean and set out to determine what was necessary to do to achieve the goal. Working as a consultant for the California Air Pollution Control Officers' Association, Carl wrote the legislation and enlisted bipartisan sponsorship in the California Legislature. Carl's idea was that \$100 million per year for ten years would be needed for the entire state to meet the federal ozone standard. Carl died in 1997 before the legislation passed; it was amended to name the program in his honor. While the proposed funding level was not achieved until fiscal year 2005/06, the NOx emission reductions, which have been achieved, are remarkable.

Several years ago I asked our former APCO, Dick Baldwin, if I could be the staff liaison for the Clean Air Fund



*Jerry checks out the new Cummins QSL engine on the marine vessel, Stars & Stripes.*

Committee. I got that assignment - - and also became the "go to" person for all mobile source questions. We started a small Motor Vehicle Emission Reduction Program here and Mike Villegas felt I would be a good fit to implement that program. And then, along came the Carl Moyer Program and, due to my background in these other programs, I just naturally assumed the role of program manager.

**What is the process for selecting which local projects to fund?**

**Mason.** Each year, the District develops a request for proposals (RFP) and application packages categories (on-road motor vehicles, off-road motor vehicles, marine, and stationary agriculture pumps) that are eligible for program funding. Notification of the availability of the RFP is sent to extensive mail and email listings maintained by the District. Project proposals  
(continued on page 3)



**For information on our electric lawnmower program, visit [www.vcapcd.org](http://www.vcapcd.org)**



# APCD Calendar

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## AIR POLLUTION CONTROL BOARD

November 14, 2006

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

Third Tuesday, 4:30 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

## EPA SATELLITE TRAINING PROGRAMS

November 29, 2006

10 a.m. – Noon

### The International Stormwater BMP Database

November 30, 2006

10 – 11 a.m.

### New Drycleaning Rule Update

December 7, 2006

10 a.m. – Noon

### Great American Woodstove Changeout & Burn Clean Campaign

*Private sector employees wishing to take these courses may do so for a fee, unless specified otherwise. For further information and to apply, call Suzanne Devine at 805/645-1453.*

## SOUTH CENTRAL COAST BASINWIDE AIR POLLUTION CONTROL COUNCIL

January 2007

Santa Barbara APCD  
260 North San Antonio Road  
Santa Barbara

For more information, call Mike  
Villegas at 805/645-1440.

## APCD RULE WORKSHOPS

See Rule Update section.

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### AIR POLLUTION CONTROL BOARD

Judy Mikels, District 4-Chair  
Jonathan Sharkey, Pt. Hueneme-Vice  
Chair  
Steve Bennett, District 1  
Linda Parks, District 2  
Kathy I. Long, District 3  
John K. Flynn, District 5  
Brian Brennan, San Buenaventura  
Thomas Holden, Oxnard  
Mike Morgan, Camarillo  
Ernie Villegas, Fillmore

### 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 Page  
Desktop Publishing – Suzanne Devine

### DIRECTORY

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

Agricultural burning,	
smog forecast	654-2807
Complaints (7 a.m.-5 p.m.,	
Mon-Thurs)	645-1445
Complaints (recording)	654-2797
Monitoring and	
Technical Services	662-6950
Permit processing	645-1417
Permit renewal	645-1404
Public information	645-1415
Smoking Vehicle	
Hotline	800/559-SMOG
Cellular phone	#SMOG
Email address:	<a href="mailto:info@vcapcd.org">info@vcapcd.org</a>

are received and evaluated for cost-effectiveness. Based on direction of the Board, alternative fuel projects are given priority.

Other projects, primarily diesel to diesel repowers, are funded beginning with the most cost-effective down to the point that all funds are obligated.

**How many projects have been done? How many emissions reduced? How much funding has been spent?**

- Marine vessels – 61 repowered
- On-road diesel-to-diesel vehicles – 8 repowered
- Alt fuel vehicles – 57 purchased
- Ag pumps – 34 repowered
- Off-road diesel-to-diesel vehicles – 29 repowered

There are over 300 tons of NOx reductions and over 23 tons of PM reductions yearly. Funding: ARB - \$8,037,738 APCD Match Funds - \$3,188,160

**What has been the greatest challenge for you?**

**Mason.** Selling the trash haulers G. I. Rubbish and E. J. Harrison and Sons on liquefied natural gas (LNG) vehicles. Really. I spent many, many days meeting with Mike Smith from G. I. Rubbish and the Harrison brothers (Ralph, Jim, and Myron) to discuss the purchase of LNG vehicles and the installation of the fueling infrastructure. It was a wonderful feeling when Mike Smith signed the project proposal for the first 10 LNG trucks and the

fueling infrastructure. ARB and District staff were aware of the time and effort I had made to get that proposal signed.

I never considered myself much of a salesman, but I've done a lot of selling and feel I've done well.

**How many other air districts give the grants?**

**Mason.** There are 35 air districts and all of them have participated. The smaller districts get only \$200,000 per year for projects.

**What is the future direction of the program?**

**Mason.** I can't speak for ARB, but my personal opinion is not good. The construction industry is beginning to take advantage of the program. Over the last two years, approximately forty percent of our funding went to repower construction equipment and farm tractors. Due to the off-road motor vehicle regulation currently being workshopped by ARB, the window of opportunity for funding these projects will close over the next five or six years. Over the next few years, the District will have to develop new funding categories such as the fleet replacement program. The District can pay the cost of replacing an old, high-polluting heavy-heavy duty on-road vehicle with a new or newer vehicle.

**Any final thoughts?**

**Mason.** I had the pleasure of discussing the concepts of the program with Carl Moyer himself. I am honored to have worked on a program that honors his memory and has resulted in real emission reductions and has had much to do with the vast improvement of our air quality. Many feel our program is one of the best in the state. Much of the program requirements we developed have become statewide requirements in the ARB guidelines. But the real reason for our success has been the willingness of our legal counsel and our Board to allow staff a lot of flexibility with program administration. Our former legal counsel, Jim Thonis, set a standard by working with and counseling staff in the development of a boilerplate grant agreement rather than requiring a completely new grant for each project. Our current counsel, Robert Kwong, has continued this process.

I've met a lot of wonderful people through my participation in the Carl Moyer Program. Most of them have a job to do and they do it with the equipment available. But I've found the fisherman, the equipment operator, the farmer, and the trash truck driver, are every bit as proud of the engine that doesn't put out black smoke as the staunchest environmentalist. It's been gratifying to have been able to give them the new engines that allow them to say they are doing their part to improve the air.

## AirLines



### **APCD gets high marks from ARB.** On September 20, the **California Air Resources Board**

announced the results of its audit of the District's Carl Moyer Program, a grant-funded effort to reduce vehicle emissions through the replacement or retrofit of dirty diesel engines. (see feature article)

The District's Carl Moyer Program is the state's first to be audited as part of a plan to examine the local air pollution control districts' allocation of funds in the 2002/2003 and 2003/2004 fiscal years. ARB staff also reviewed whether the program's implementation in fiscal years 2004/2005 and 2005/2006 were compliant with current requirements.

ARB Chairman Dr. Robert Sawyer said, "We want to satisfy the public that everything within reason to clean our air is being done and we are obtaining the maximum reductions in air pollution for the money we invest in these projects."

The District has operated the Carl Moyer Program since its inception in 1998. To date, all of the \$7.9 million in Carl Moyer Program funds have been obligated and 79 percent of the grant-funded projects are in operation. To strengthen this effort, the District provided an additional \$2.9 million in matching funds.

The majority of the District's Moyer funds have been used to cover new alternative fuel trucks and cleaner engines for marine vessels and construction equipment. In the first six years of the program, it has paid for 190 cleaner engines, which obtain 202 tons per year of reductions in smog-forming nitrogen oxides (NOx) emissions, and 16 tons of reductions in diesel soot, at an average cost-effectiveness of approximately \$3,700 per ton of NOx (better than the program's state average cost effectiveness).

The Ventura County Air Pollution Control District has made commendable efforts in the following areas:

*-Leading program refinements (District is at the forefront in a number*

*of instances that go beyond requirements in the program Guidelines)*  
*-Timely obligation and expenditure of allocation (District's most commendable effort)*  
*-Responsiveness to audit*  
*-Timely reporting*

The program review showed that the District, through the grant-funded projects, efficiently and effectively obtained surplus emission reductions, followed the Health and Safety Code requirements, and met the applicable Carl Moyer Program Guidelines. The most significant finding emerging from the ARB review pertains to the District's funding of two ineligible projects. In response, the District has already repaid \$98,493 and reprogrammed \$221,493 to eligible projects, thereby maintaining all of the anticipated emission reductions from the program.

Overall, the ARB audit found that the Ventura County Air Pollution Control District operates a very good program and most of the findings relate only to administrative issues, which the District staff has already addressed.

## With a little help from our friends

On September 11, many folks came together to help film the District's and the US EPA's new IMAX movie on the biography of air. Over 50 people, including extras from the **VCAPCD**, the **San Diego County and Santa Barbara County Air Pollution Control Districts**, make-up artists, wig people, production crew, director Sandra Holden, and executive producer Barbara L. Page, filmed at St. Michaels By-the-Sea Church in Carlsbad, and at Belle Marie Winery in Escondido, California. It was quite an experience!



VCAPCD air quality specialist Ken Hall is fitted for a Shaker wig as part of the Joseph Priestly scene.

Karen Jacobs of the Public Information Office at the San Diego APCD, gets made up for the Shaker scene.



Former VCAPCD APCO Dick Baldwin as a Shaker. (Wasn't he always a mover & shaker?)



Bobbie Bratz with the Santa Barbara APCD, gets costumed for the peasant Paracelsus scene, as VCAPCD engineer, Don Price (far right), prepares for the same scene.



VCAPCD Compliance Inspector Travis Jones (r) and his friend, Nick Mirozinski, prepare to speak to the stunt coordinator about their action shot.



VCAPCD Emissions Inventory Supervisor, Genie McGaugh (center) poses with another extra, her sister Sonda Forkner, and Barbara L. Page, at Belle Marie Winery during the filming of the French re-enactment scene. Ken Hall is far left.





# Engineering Update

Visit [http://www.vcapcd.org/engineering\\_division.htm](http://www.vcapcd.org/engineering_division.htm)

<b>Permit Activities SEPTEMBER 2006</b>			
<b>Authorities to Construct</b>	<b>Month</b>	<b>Permits to Operate</b>	<b>Month</b>
Permits Requested	6	Permits Requested	16
Permits Issued	4	Permits Issued	21
Applications Under Review	31	Applications Under Review	81
Sources Holding Permits	61	Sources Holding Permits	1408
Average Turnaround Time	4.4 Weeks	Average Turnaround Time	6.8 Weeks

<b>Authority to Construct Applications Received SEPTEMBER 2006</b>			
<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00041-972	Aera Energy LLC	Ventura	Drill Sixteen New Wells
07333-120	Production Tool Specialties	Ventura County	Additional Portable Oil Heater
07340-130	Toland Road Landfill	Santa Paula	Install Biosolids Drying Equipment
07502-110	USA Gasoline Station #71 (VES)	Ventura	Replace Emission Control System
07882-100	Former B.J. Services Facility	Ventura	Vapor Extraction System
07883-100	South Flank Energy Well No. 1	Ventura	Exploratory Oil Well

<b>Authorities to Construct Issued SEPTEMBER 2006</b>			
<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00997-320	Naval Base Ventura County	Point Mugu	Replacement Emergency Engine - Building 531
07221-130	C.D. Lyon Construction Inc.	Ventura	New Surface Coating Equipment
07432-120	Catalytic Solutions, Inc.	Oxnard	Modify Emission Control System
07868-100	Daedalus Auto Body Shop	Camarillo	Motor Vehicle Coating Operation

<b>Permit to Operate Applications Received SEPTEMBER 2006</b>			
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<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00009-111	Arnold Magnetics Corporation	Camarillo	Additional Conformal Coating Use
00232-381	Santa Susana Field Laboratory	Simi Valley	Shutdown Engine Testing - Request ERCs
01210-191	Pacific Recovery Corporation	Oxnard	Part 70 Administrative Amendment
01491-231	Dos Cuadras Offshore Resources	Offshore Ventura	Part 70 Administrative Amendment
01492-301	Dos Cuadras Offshore Resources	Offshore Ventura	Part 70 Administrative Amendment
01493-331	Platform Grace	Offshore Ventura	Modify Oil Well List
04034-101	777 Cleaners	Simi Valley	Replace Dry Cleaning Machine
04065-111	Classic Cleaners	Ventura	Replace Dry Cleaning Machine
05495-121	Ventura Valero	Ventura	Increase Gasoline Throughput
07644-101	Limoneira Property Mulching Ops.	Santa Paula	Engine Powered Screen For Wood Waste
07797-101	National Coatings	Camarillo	Roof Coating Manufacturing Facility
07868-101	Daedalus Auto Body Shop	Camarillo	Motor Vehicle Coating Operation
07883-111	South Flank Energy Well No. 1	Ventura	Rule 74.16 Exemption - SF Well No. 1
07884-101	Burger King #10205	Thousand Oaks	Existing Conveyorized Charbroiler
07885-101	Burger King #4961	Thousand Oaks	Existing Conveyorized Charbroiler
07886-101	WLK - 01	Thousand Oaks	Existing Emergency Engine (Rule 23.D.7)
00009-111	Arnold Magnetics Corporation	Camarillo	Additional Conformal Coating Use

Permits to Operate Issued SEPTEMBER 2006			
Permit	Facility	City	Project Description
00041-911	Aera Energy LLC	Ventura	Operate New Heater
00041-971	Aera Energy LLC	Ventura	Rule 74.16 Exemption - Revised
00126-131	Ventura College	Ventura	New Emergency Engine
00813-241	Ample Resources, Inc.	Piru	Operate Temescal No. 9-8
07264-131	Maxim Douglas	Ventura	Increase Usage Limits
07329-131	Envent Corporation	Ventura County	Increase Operating Hours
07345-T01	Renaissance Window Fashions	Oxnard	Transfer of Ownership - RWF
07504-T01	Signature Flight Support Corp.	Oxnard	Transfer of Ownership - SFSC
07604-111	AT&T (SIMICA11-KD138)	Simi Valley	Replacement Emergency Engine
07610-101	Westlake Surgical Center	Westlake Village	New Emergency Engine
07689-111	Supra Alloys	Camarillo	Existing Chemical Milling Operations
07731-101	Paseo Camarillo Remediation	Camarillo	Vapor Extraction System - Perchloroethylene
07855-101	City of Oxnard Lift Station	Oxnard	New Emergency Engine
07856-101	Sunrise Assisted Living	Westlake Village	Existing Emergency Engine - Rule 23.D.7
07871-101	John M. Phillips Equipment	Ventura County	Portable OCS Engine
07872-101	Burger King #4518	Oxnard	Existing Conveyorized Charbroiler
07873-101	Burger King #4125	Oxnard	Existing Conveyorized Charbroiler
07874-101	Burger King #6439	Oxnard	Existing Conveyorized Charbroiler
07875-101	Burger King #4383	Camarillo	Existing Conveyorized Charbroiler
07876-101	Burger King #1783	Simi Valley	Existing Conveyorized Charbroiler
07877-101	Burger King #5454	Simi Valley	Existing Conveyorized Charbroiler



<b>ERC Balances by Company (Units – Tons per Year)</b>					
<b>As of October 3, 2006</b>					
Company Name	ROC	NOx	PM <sub>10</sub>	SOx	Limitation
Aera Energy LLC	0.02	0.49	0.45	0.04	No
Aera Energy LLC	250.59	11.41	1.24	0.40	Yes
Amgen, Inc.	0.00	5.28	0.00	0.00	No
Amgen, Inc.	0.11	0.00	0.07	0.01	Yes
Berry Petroleum Company	6.24	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
Cook Composites & Polymers Co.	0.71	0.00	0.00	0.00	Yes
Dos Cuadras Offshore Resources	2.09	0.00	0.00	0.00	No
Dos Cuadras Offshore Resources	0.12	0.00	0.18	0.02	Yes
Equilon California Pipeline Co. LLC	6.93	0.00	0.00	0.00	No
GF Health Products, Inc.	0.54	0.51	0.03	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
Halaco Engineering Company	0.64	0.00	3.44	0.02	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	4.65	0.14	3.90	0.04	No
Naval Base Ventura County	0.38	6.52	0.45	0.54	Yes
Nestle Food Company	0.11	1.54	0.12	0.02	Yes
Northrop Grumman Corporation	9.48	0.01	0.01	0.01	Yes
Occidental Chemical Corporation	0.07	3.79	1.33	0.02	Yes
Oryx Energy Company	2.48	0.00	0.00	0.00	No
Oxnard Lemon Company	0.00	0.10	0.00	0.00	Yes
Pacific Custom Materials, Inc.	0.00	0.00	0.69	0.00	No
Pacific Operators Offshore LLC	0.30	1.77	0.09	0.02	No
Parker Advanced Filtration	7.67	0.00	0.00	0.00	No
Procter & Gamble Paper Products	45.84	22.17	19.71	0.00	No
PTI Technologies, Inc.	0.29	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
Reliant Energy Mandalay, Inc.	0.27	0.47	0.76	0.01	Yes
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
Seneca Resources Corporation	2.57	0.02	0.00	0.00	No
Seneca Resources Corporation	0.35	0.14	0.00	0.00	Yes

<b>ERC Balances by Company (Units – Tons per Year)</b> <b>As of October 3, 2006</b>					
Company Name	ROC	NOx	PM <sub>10</sub>	SOx	Limitation
Shell California Pipeline Co.	5.04	0.00	0.00	0.00	Yes
Solar World Industries American LP	0.21	0.00	0.00	0.00	No
Solar World Industries American LP	1.19	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	0.45	0.01	0.00	0.00	No
The Boeing Company	0.24	2.44	0.61	0.57	Yes
The Termo Company	0.02	0.00	0.00	0.00	Yes
Unocal	4.45	0.00	0.00	0.00	Yes
Vaquero Energy	0.54	0.79	0.00	0.00	No
Venoco, Inc.	0.01	2.50	0.05	0.00	No
Venoco, Inc.	16.91	5.76	0.79	0.14	Yes
Ventura County APCD Board	55.00	0.00	0.00	0.00	No
Vintage Production California LLC	0.44	4.02	0.14	0.01	No
Vintage Production California LLC	3.21	95.62	0.65	0.07	Yes
Waste Management Energy Solutions	0.00	0.74	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 Permits-ERC Report) on the District website ([www.vcapcd.org](http://www.vcapcd.org)). If you have any questions, please contact Kerby E. Zozula of the Engineering Division at 805/645-1421.



# Rule Development Update

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

## Air Pollution Control Board

**New Source Review – Definitions; Biosolids Processing Facilities** (Rule 26.1 – Revised.): On November 14, 2006, at 11:00 a.m., the Board will hold a public hearing to consider revisions to Rule 26.1. The proposal adds "publicly owned biosolids production facility" to the definition of "essential public service" (EPS). Biosolids production is related to sewage treatment, which is already considered an essential public service. Although related, biosolids production may not occur at a sewage treatment facility. Therefore, the above addition to Rule 26.1 is proposed. Note that, as stated in Rule 26.2, Subsection B.3, EPS facilities are eligible to obtain emission offsets from the EPS bank. For any EPS project, offsets of up to 25 tons per year for both Oxides of Nitrogen and Reactive Organic Compounds are available.

The 802,400 residents of Ventura County currently produce approximately 7,000 tons of biosolids every month. Historically, most of this material has been trucked to Kern County for land application and composting. A voter initiative in Kern County to prohibit the land application of biosolids was approved in the June, 2006, election. As a result, it is possible that the construction of one or more biosolids processing facilities in Ventura County will be required.

In addition to the above, definitions for "biosolids" and "biosolids production facility" are proposed. For additional information, contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

## Recent Board Actions

**Agricultural Source Permitting** (Rule 23, Exemptions From Permit - Revised): On September 12, 2006, the Board adopted amendments to Rule 23. California Health and Safety Code Section 42310(e) historically prohibited any air district from requiring a permit to operate for equipment used in agricultural operations. On September 22, 2003, California Senate Bill 700 (SB 700) amended state law by removing section 42310(e) from the Health and Safety Code and adding new requirements for agricultural sources of air pollution. Air districts must now require permits for large confined animal facilities and agricultural sources of air pollution that have actual emissions more than one-half of any federal major source

emissions threshold for any regulated air pollutant excluding fugitive dust.

To comply with SB 700, APCD staff proposed that the following sources would be required to obtain permits from the District:

- Large confined animal facilities (see definition in staff report)
- Agricultural sources that emit more than 50 percent of the major source threshold of any of the following regulated air pollutants: oxides of nitrogen (NO<sub>x</sub>), reactive organic compounds (ROC), sulfur oxides (SO<sub>x</sub>), carbon monoxide (CO), or particulate matter (PM<sub>10</sub>) excluding fugitive dust.

Ventura County currently has no large confined animal facilities. Under staff's proposal, any new large confined animal facility to be located in Ventura County would be required to first obtain a permit from the District and control its air pollution.

Staff has determined the most likely agricultural scenario for exceeding 50 percent of a major source threshold is a group of diesel-engine powered water pumps located on contiguous properties under common control. To exceed 50 percent of a 50 ton per year NO<sub>x</sub> threshold, such a group of diesel engines would need to be older, uncontrolled engines that cumulatively burn more than 75,000 gallons of diesel fuel per year. This amount of energy would pump about 850 acre-feet of water. Staff has not identified any agricultural source of air pollution that meets or exceeds these criteria at this time. For additional information contact **Chris Frank** at **805/645-1409** or [chrisf@vcapcd.org](mailto:chrisf@vcapcd.org).

**Part 70 Permits and Federally Enforceable Limits on Potential to Emit** [Rule 33 and Rule 76 - Revised]: On September 12, 2006, the Board adopted amendments to Rules 33 and 76. Title V of the federal Clean Air Act requires state and local air agencies to develop and implement federal operating permitting programs for "major sources" of air pollution. Rules 33 and 76 are components of the Ventura County APCD's federal operating permits program. "Major sources" include sources that have a "potential to emit" 10 tons per year of any EPA hazardous air pollutant (HAP) or 25 tons per year of any combination of HAPs, and sources

that have a “potential to emit” 100 tons per year of any other regulated pollutant. A “source” includes all equipment and processes located in a contiguous area under common control. “Potential to emit” assumes continuous uncontrolled operation at maximum capacity, unless federally enforceable permit conditions specify limits on hours of operation, maximum operating capacity, and/or emission controls.

For federal ozone nonattainment areas, the generic 100 ton-per-year major source threshold for emissions of oxides of nitrogen (NOx) and reactive organic compounds (ROC) is replaced with the following thresholds:

Ozone Nonattainment Classification	Tons per Year ROC or NOx
Marginal and Moderate	100
Serious	50
Severe	25
Extreme	10

Because Ventura County was classified as a Severe nonattainment area for ozone when Rules 33 & 76 were adopted, the rules were crafted to apply to sources with a potential to emit 25 tons per year of ROC or NOx. Effective June 15, 2004, EPA classified Ventura County to be a Moderate nonattainment area for the federal 8-hour ozone standard. However, the 1-hour ozone standard was not rescinded until June 30, 2005, so therefore District was also classified as a Severe nonattainment area for the 1 hour standard until June 30, 2005. Because state law requires local Title V rules to be the same stringency as federal requirements, staff is proposing to amend the District’s Title V-related rules to be consistent with the District’s new non-attainment classification. Once the amendment is approved by EPA, some sources may no longer be considered federal major sources and may revert to state and local air quality permitting requirements. For additional information contact **Chris Frank** at **805/645-1409** or [chrisf@vcapcd.org](mailto:chrisf@vcapcd.org).

**Wood Products Coatings** (Rule 74.30 - Revised): On June 27, 2006, the Air Pollution Control Board adopted amendments to Rule 74.30. The amendments include a reduction in the reactive organic compound (ROC) content limits for surface preparation and cleanup solvents used in commercial wood products manufacturing; a limit of 25 grams of ROC per liter of solvent was adopted for both uses. The new limits go into effect on September 25, 2006, and are equal to those included in South Coast Air Quality Management

District Rule 1171, *Solvent Cleaning Operations*. For additional information, contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

**New Source Review - Federal Major Modifications** (Rule 26.12 - New): On June 27, 2006, the Air Pollution Control Board adopted new Rule 26.12. The rule incorporates federal New Source Review (NSR) Reform requirements into District rules, as required by amendments to the federal Clean Air Act promulgated by the United States Environmental Protection Agency on December 31, 2002. The amendments revised NSR requirements for major source modifications and added other provisions. The revised rule complies with California Senate Bill 288 (Protect California Air Act), which specifies that “No air quality management district or air pollution control district may amend or revise its New Source Review rules or regulations to be less stringent than those that existed on December 30, 2002.” Rule 26.12 maintains the stringency of the District’s existing NSR program while complying with federal mandates. 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 11, 2006, the Air Pollution Control Board adopted amended Rule 42. The revisions increase permit renewal fee rates by 10 percent, effective July 1, 2006. For most permit holders, fees were increased by \$38.00 per year. Larger facilities with higher permitted emissions are subject to a larger (10 percent) permit renewal fee increase. 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 and to maintain APCD reserve funds at a more secure level of “four to six months of operating expenses.” For additional information contact **Chris Frank** at **805/645-1409** or [chrisf@vcapcd.org](mailto:chrisf@vcapcd.org).

**New Source Review** (Rules 26, 26.1, 26.2, 26.3, 26.4, 26.5, 26.6, 11, 29 and 112 - Revised): On March 14, 2006, the Air Pollution Control Board adopted revisions to several New Source Review rules and three related rules. The adoption deleted informational tracking requirement for the community bank balance and emission increases from small sources. Maintenance of the essential public service account for applicable sources of NOx and ROC over 5 tons per year (tpy) and no more than 25 tpy will continue.

Other changes include deletion of an exemption from offset requirements for gasoline dispensing facilities with ROC emissions over 5

typy. Rule 29 was revised to eliminate the special permitted emission calculation procedures for gasoline dispensing and dry cleaning facilities. Included are new provisions to allow gasoline dispensing facilities and dry cleaners to establish a baseline ROC emission rate. After adoption, gasoline dispensing facilities and dry cleaners will be treated like all other stationary sources with regard to emission increases and offsets. For additional information, contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

## **Public Workshop**

**Soil Decontamination Operations** (Rule 74.29 – Revised.): On November 7, 2006, at 2:00 p.m., the District will conduct public workshop on proposed revisions to Rule 74.29. The proposal will expand the rule to include requirements for the excavation, transportation, and handling of active and inactive soil. The revisions are required because, under the provisions of Health and Safety Code section 40914(b)(2), staff is required to demonstrate that the District's plan to attain the California ambient ozone standard provides for expeditious implementation of "every feasible measure" to reduce ozone precursor emissions (including ROC). In addition, staff proposes to improve the rule by clarifying language and adding definitions where necessary.

A draft rule and draft staff report appears on the District website. For additional information, contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

## **Public Consultation Meeting**

### **New Air Quality Regulation to Limit Visible Emissions of Airborne Particulate Matter (Dust):**

On March 1, 2006, APCD staff held a public workshop to receive public input on how best to regulate visible dust emissions. Ventura County does not meet California's health-based air quality standards for airborne particulate matter (PM). On June 28, 2005, the Ventura County Air Pollution Control Board adopted a plan to reduce PM emissions, as mandated by State law (SB656). As a first step towards implementing this mandated program, staff is proposing to develop new standards for visible fugitive dust emissions. Under the regulation contemplated by staff, the responsible person for any operation that causes or allows any visible dust emissions to escape beyond the property line would be in violation and subject to fines and penalties. Additionally, any fugitive dust emissions that exceed 20% opacity at the point of generation would also be a violation subject to fines and penalties. An exemption from the rule can be obtained by implementing dust

control practices. The following types of operations would most likely be affected by the regulation:

- Construction, Earthmoving, and Demolition Operations
- Bulk Material Handling and Storage Operations
- Off-field Agricultural Operations (parking areas, haul roads)
- Paved and Unpaved Roads
- Unpaved Parking Lots and Staging Areas
- Weed Abatement Operations

On-field agricultural operations would be exempt. If you have a comment on what should or should not be included in a new regulation limiting visible particulate matter emissions, please contact Stan Cowen as noted below. Once a proposed regulation is drafted, a public workshop will be scheduled. A staff report is available on the District's website at [vcapcd.org/rules\\_division.htm](http://vcapcd.org/rules_division.htm). For additional information and to be included on future mailing lists contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

## **Compliance Dates**

### **☑ September 25, 2006**

**Wood Products Coatings** (Rule 74.30): All reactive organic compound (ROC) solvents used for surface preparation and cleanup in commercial wood products manufacturing must meet a limit of 25 grams of ROC per liter of solvent. Water, acetone, and other low-ROC solvents are available for compliance with this requirement. For additional information, contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

### **☑ October 12, 2005**

**Conveyorized Charbroilers, Coffee Roasters, Non-retail Deep-Frying Equipment** (Rule 74.25, Rule 23): All conveyorized (chain-driven) charbroilers must have a VCAPCD Permit to Operate and must comply with the requirement for an 83 percent reduction in ROC and particulate matter emissions. In addition, all coffee roasters with a capacity over 25 pounds and non-retail deep-frying equipment must have a VCAPCD Permit to Operate. Contact the **Permit Desk** at **805/645-1401** for more information.

### **☑ October 1, 2005**

**Air Toxic Control Measure for Hexavalent Chromium and Nickel Emissions from Thermal Spraying** (ARB Title 17 CCR 93102.5): All unpermitted thermal spraying operations that use

chromium, chromium compounds, nickel or nickel compounds must submit Permit to Operate applications to the District by October 1, 2005; all operations must submit emissions information by that date. Existing facilities must have emission control equipment of between 90 percent and 99.97 percent efficiency in operation by January 1, 2006. New or modified facilities have more stringent requirements. Sources will also have monitoring, inspection, maintenance, and recordkeeping requirements.

For further information, go to the ARB website <http://www.arb.ca.gov/coatings/thermal/thermal.htm>. For permit information, contact the **Permit Desk** at **805/645-1401**.



# Enforcement Update

Visit [http://www.vcapcd.org/compliance\\_division.htm](http://www.vcapcd.org/compliance_division.htm)

<b>Enforcement Activities September 2006</b>					
<b>Inspections</b>	<b>Month</b>	<b>F/Y</b>	<b>Violations</b>	<b>Month</b>	<b>F/Y</b>
Permit/Other Inspections	216	651	Notices of Violation Issued	16	55
Complaints Received and Investigated	23	76	Cases Settled after Office Conference	22	77
Breakdowns Received and Investigated	9	38			
Asbestos Inspections	8	20			
			Settlement/Fines	36,300	117,080

<b>Sources Operating Under Variance September 2006</b>					
<b>No.</b>	<b>Facility/Location</b>	<b>Source</b>	<b>Rule</b>	<b>End Date</b>	<b>Status</b>
786	City of Simi Valley	Engine	29.C	12/01/06	On Schedule
787	County of Ventura	Engine	29.C	12/01/06	On Schedule

<b>Sources Operating Under Stipulated Conditional Order of Abatement September 2006</b>					
<b>No.</b>	<b>Facility/Location</b>	<b>Source</b>	<b>Rule</b>	<b>End Date</b>	<b>Status</b>
775	City of Thousand Oaks	Boilers	26.2 – BACT 74.14.1	01/31/07	On Schedule
777	Republic Fastener Manufacturing	Coating Operation	29.C 74.13, Section B.1	08/01/2006	
782	United Water Conservation District	Engines	26.2 – BACT 74.9	07/01/08	On Schedule



**Notices of Violation Issued  
September 2006**

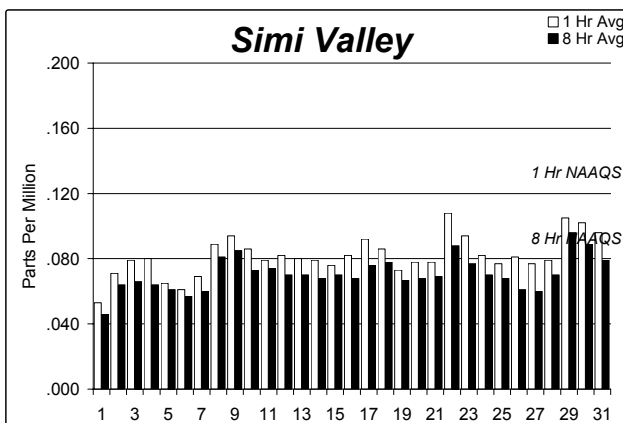
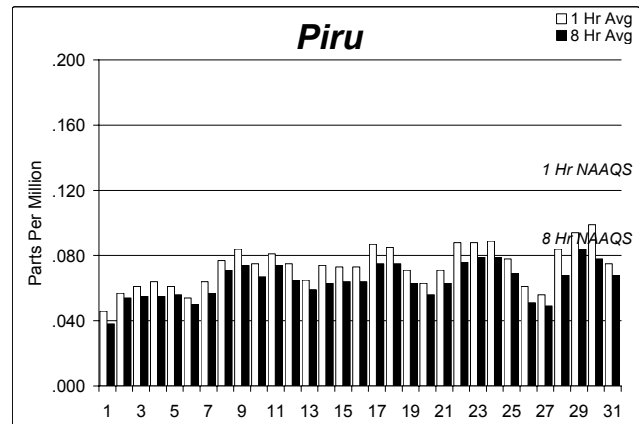
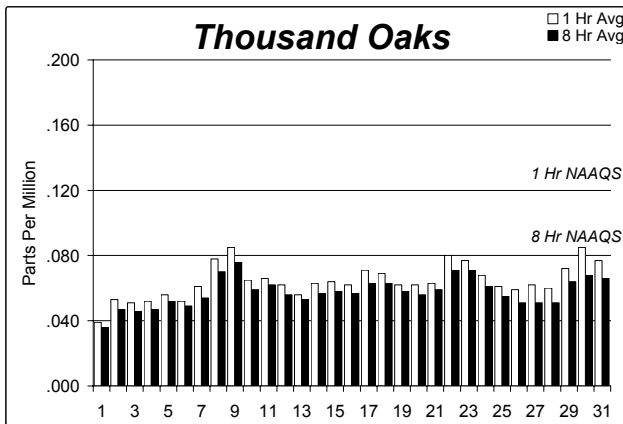
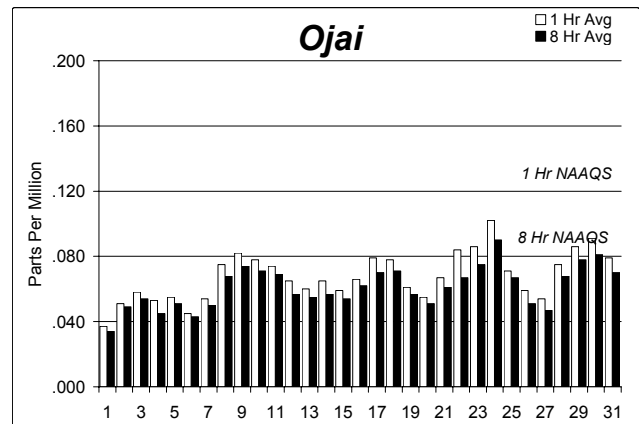
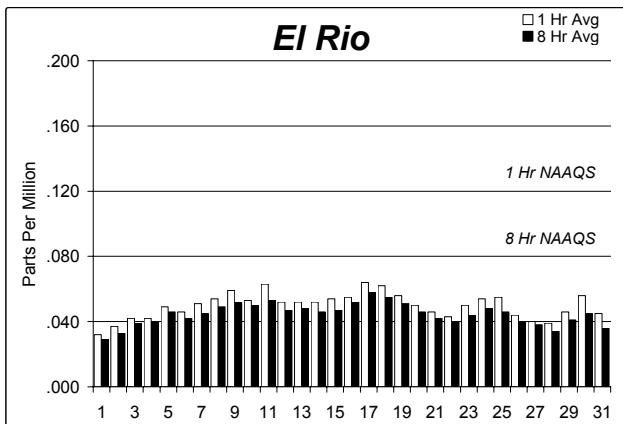
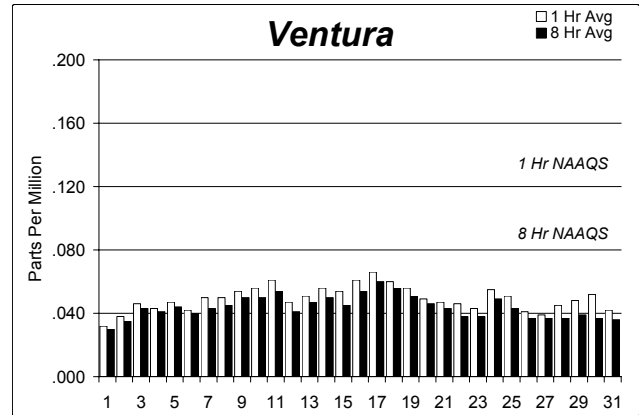
<b>NOV No.</b>	<b>Facility</b>	<b>City</b>	<b>Violation</b>
021283	Thousand Oaks Alliance	Thousand Oaks	CARB Title 17 Defect-PHI - V.R. System Testing Failure
021321	Mantilla CO	Oxnard	Operating Without A Permit - Diesel Engine
021322	Arco Facility #06390	Oxnard	V.R. Testing Failure - Static Testing
021378	Vintage Production California LLC	Santa Paula	Improper Vapor Recovery System - Vapor Recovery System
021379	Vintage Production California LLC	Santa Paula	Exceeding Leak Rate Threshold - Oilfield Components
021432	Silvas Oil Company, Inc.	Ventura	V.R. Testing Failure - LRD Testing
021471	Floral Gift & Home Decor Int'l, Inc	Somis	Operating Without A Permit - Alcohol Usage
021472	Camarillo YMCA	Camarillo	Operating Without A Permit - Boiler
021473	West Coast Welding & Const. Inc.	Ventura County	Operating Without A Permit - Sandblasting
021474	West Coast Welding & Const. Inc.	Ventura County	Operating Without A Permit - Diesel Engine
021475	Hill Cyn Wastewater Treatment Plant	Camarillo	Permit Condition Not Met - Exceeding Consumption Limit
021571	Parker Advanced Filtration Division	Oxnard	Permit Condition Not Met - Carbon Adsorption
021610	Ventura Valero	Ventura	Failure To Meet Submerged Fill-Tube Req't - Fill Tube Height>6"
021611	All Finishing Touches	Ventura	Exceeding ROC Limit - Wood Product Coatings
021654	Wendy Drive Chevron	Newbury Park	V.R. Testing Failure - Static Testing
021657	Hot Section Technologies, Inc.	Santa Paula	Air Toxic Control Measure - Inadequate Recordkeeping



# Ozone Report

**AUGUST 2006**

There were no exceedances of the Federal 1 Hour standard in August. The Federal 8 Hour standard was exceeded on 1 day at Ojai, and 4 days at Simi Valley. The California 1 Hour standard was exceeded on 1 day at Ojai and Piru and on 4 days at Simi Valley. The number of days exceeding the California 8 Hour standard was 7 at Ojai, 3 at Thousand Oaks, 11 at Simi Valley and 10 at Piru. The maximum 8 hour average was .096 at Simi Valley; the maximum 1 hour average was .108 also at Simi Valley.



## PPM AIR QUALITY STANDARD

- .07 CALIFORNIA 8 HR AVG CLEAN AIR STANDARD
- .08 NATIONAL 8 HR AVG CLEAN AIR STANDARD
- .09 CALIFORNIA 1 HR AVG CLEAN AIR STANDARD
- .12 NATIONAL 1 HR AVG CLEAN AIR STANDARD
- .15 CALIFORNIA 1 HR AVG HEALTH ADVISORY  
Avoid prolonged vigorous outdoor exercise.  
Sensitive individuals avoid all outdoor activity.