

SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

JANUARY 2011

Sustainable building at Cal Lutheran

California Lutheran University in Thousand Oaks dedicated its first sustainable building, the Swenson Center for the Social and Behavioral Sciences, on Friday, October 22. The \$8.5 million building was designed to meet the sustainability criteria in the Leadership in Energy and Environmental Design (LEED) program, with the target of certification at the silver level. This is the second LEED certified building in the county. The other one was dedicated earlier this year at the Naval Base Ventura County.

The center incorporates energy-saving features designed to reduce operating costs and help air quality. The building is situated to minimize the hotter east and west exposures and maximize north-south faces. Motorized windows and exhaust fans condition the air by pulling cool nighttime air in and drawing hot air out. Sensors turn the air conditioning or heating off in offices and classrooms when windows or doors are left open.



CLU's new \$8.5 million LEED certified "green" building, the Swenson Center for the Social and Behavioral Sciences.

Windows were designed to allow natural light to provide illumination in 90 percent of spaces. Lights automatically turn off when adequate natural light is available or spaces aren't in use. Restrooms have highly water-efficient fixtures. The landscaping features bioswales for storm water treatment and native, drought-tolerant, low-water-use plants with high-efficiency irrigation. Materials with 18 percent recycled content were used in construction, and 22 percent of the materials came from within 500 miles of campus. Ninety-seven percent of the waste generated during construction was diverted from the landfill to recycling.

The 33,000-square-foot Swenson Center has 43 faculty offices, which are replacing chicken coops that were converted into offices and classrooms when the university opened on a former ranch in 1961. Professors in psychology, sociology, criminal justice, political science, communication, languages and cultures, and public policy and administration have moved out of the chicken coop buildings and into the Swenson Center. The building also features nine "smart" classrooms, two computer labs, a psychology

(continued on page 3)

*Wishing you all a
fantastic 2011.
Keep on going
green!*

AIR POLLUTION CONTROL BOARD

January 11, 2011

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

APCD ADVISORY COMMITTEE

February 2011

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

January 19, 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

John Zaragoza, District 5, Chair
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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
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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	645-1403
Permit renewal	645-1404
Public information	645-1415
Smoking vehicle	
Hotline	800/559-SMOG
Email address	info@vcapcd.org

lab, a conference room and a faculty/staff lounge. The building provides much-needed academic space at a time when the university is at record enrollment levels.

Buildings represent 39 percent of US primary energy use. They are one of the heaviest consumers of natural resources and account for a significant portion of greenhouse gas emissions. Here, buildings account for 38 percent of all

CO₂ emissions. And power plants that produce electricity for buildings can also produce emissions that cause air pollution. And there are other environmental concerns. Buildings represent 72 percent of US energy consumption. They use 13.6 percent of all potable water, 15 trillion gallons per year. They use 40 percent of raw materials globally (3 billion tons annually). EPA estimates that 136 million tons of building related

construction and demolition debris was generated in the US in a single year. Compare that to 254 million tons of municipal solid waste generated in the same year. The three largest segments for non-residential green building construction - office, education, and health care will account for more than 80 percent of total non-residential construction. (sources: California Lutheran University, US EPA)

AirLines



Kudos. One of the District's supervising inspectors, **Dan Searcy**, (pictured at right with Deputy APCO Keith Duval), was recently recognized by the CAPCOA Enforcement Managers as a recipient of the Rodney Swartzendruber Outstanding Inspector Award. Each year awards are presented to outstanding inspectors from small, medium and large size air districts.

Dan was hired in 1986 as an air quality specialist. He worked in the Engineering Division before transferring to the Compliance Division as an inspector. As his experience increased, he was given more challenging assignments. In 2009, Dan was promoted to Supervising Air Quality Specialist. He continues to inspect oilfields, auto body shops and portable equipment. He

coordinates inspection efforts for agricultural engines and prepares the annual report to the ARB for our portable engine inspection program. According to Deputy APCO Keith Duval, "Dan truly deserves this award for his years of dedication to our mission and his great professionalism on the job."

The award has been given since 2003 in honor of Rodney Swartzendruber. It recognizes inspectors who consistently demonstrate outstanding performance and who make significant contributions that benefit air pollution control efforts in an exemplary way.



Board highlights.

At its December 14 meeting, the Air Pollution Control District approved the following items:

-Appointed **Raymond Garcia** to the APCD Advisory Committee as a representative for Ventura County Supervisorial District 2. Also appointed **David**

Scott Morse to the Committee as a representative from Supervisorial District 3.

-Approved grant funding for the **Lower-Emission School Bus Program** projects involving **Mesa Union School District** and **Moorpark Unified School District**. For more information, contact **Stan Cowen** at **645-1408**.

-Adopted the proposed amendments to **Hearing Board Rules** 112, 117, 120, 123, and 126. The proposed changes will facilitate administration of the District Hearing Board and align the rules more closely with the **California Health & Safety Code**.

-Received and filed the final report on the implementation and operation of the **Transit Outreach and Fare Subsidy Program**. The Program was approved by the Board in September 2009, which would be open to both public and private employees, students, seniors, and the military. In March 2010, the

Board authorized payment of \$50,000 to Gold Coast Transit for the implementation and operation of the program. The goal was to see a measured increase in ridership with a targeted, time-based promotional ticket giveaway tied to Earth Day 2010. Over 7,900 bus riders took advantage of the one-time promotion and awareness of public transit was generated in the community. The program also allowed transit agencies to build new relationships with schools, large employers, and non-profit agencies in their communities.

Mayor Miller recognized. On November 29 at the Simi Valley City Council Meeting, the District recognized

Mayor Paul Miller for his years of service on the APCD Board. Mayor Miller retired after many years of public service, including serving as Chief of Police of the City of Simi Valley, and as City Councilman and Mayor. We thank him for his service and wish him luck in his new endeavors.

Hearing Board Vacancies

The District is seeking two individuals interested in serving on the APCD's Hearing Board. Applications are being accepted for nominations to the public member positions on the District's Hearing Board. Candidates for these positions must be residents of Ventura County.

The Hearing Board conducts public hearings and is

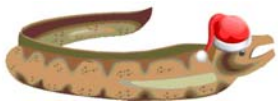
authorized to grant variances from District Rules, makes various determinations regarding permits, and arbitrates conflicts between the District and permitted sources. Meetings are held Monday evenings, as needed at 5:30 p.m. Hearing Board members may be called upon to conduct a conference call hearing with District staff and petitioners. Members are compensated for their time. Candidates for the Hearing Board must reside in Ventura County and should be willing to attend two two-day training classes conducted by the California Air Resources Board.

Contact **Keith Duval** at **805/645-1410** or by email at keith@vcapcd.org.

focus

on climate change

Something "green" is happening underwater in Japan. What a shock!



fishy energy source of course.

At the **Enoshima Aquarium**, they power their 2010 Christmas tree, all 800 watts of energy, with an eco-friendly electric eel. Each time the

How do you light up a Christmas tree in Japan? With a new

eel moves, two aluminum panels gather enough electricity to light up the tall (6 ft. 6 in.) tree with intermittent flashes. The aquarium, in Kamakura, just south of Tokyo, has featured the electric eels for five years to encourage ecological sensitivity.

Just think how much electricity all the eels under the sea could generate.



Engineering Update

ERC Balances by Company (Units – Tons per Year) As of December 13, 2010					
Company Name	ROC	NOx	PM ₁₀	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
Cook Composites & Polymers Co.	4.22	0.26	0.36	0.00	Yes
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
Equilon California Pipeline Co. LLC	6.93	0.00	0.00	0.00	No
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	4.76	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	4.37	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
RRI Energy West, Inc.	0.27	0.47	0.76	0.01	Yes
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 December 13, 2010					
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
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.	12.59	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	97.16	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). If you have any questions, please contact Kerby E. Zozula of the Engineering Division at 805/645-1421.

**Permit Activities
November 2010**

Authorities to Construct	Month	Permits to Operate	Month
Permits Requested	8	Permits Requested	17
Permits Issued	5	Permits Issued	13
Applications Under Review	27	Applications Under Review	56
Sources Holding Permits	87	Sources Holding Permits	1421
Average Turnaround Time	7.7 Weeks	Average Turnaround Time	4.9 Weeks

**Authority to Construct Applications Received
November 2010**

Permit	Facility	City	Project Description
00041-1300	Aera Energy LLC	Ventura	Drill Five (5) Wells
00041-1310	Aera Energy LLC	Ventura	PWT Tank Replacement
00576-120	City Auto Body	Simi Valley	Install New Booth & Relocate Operations
01300-180	PAC Foundries	Port Hueneme	Install New Boiler
01338-240	P.W. Gillibrand Co., Inc.	Simi Valley	Concrete Recycling Operation
08022-110	Former T.W. Brown Oil Co. (VES)	Ventura	Extend AC - 100
08099-100	Former Terrible Herbst #65 (VES)	Santa Paula	Install Vapor Extraction System
08100-100	Conejo Auto Detail & Window	Thousand Oaks	Motor Vehicle Coating Operation

**Authorities to Construct Issued
November 2010**

Permit	Facility	City	Project Description
00004-280	Vintage Production California LLC	Santa Paula	Oil Well Replacement Project
00041-1280	Aera Energy LLC	Ventura	Replace Wash Tank - Lloyd
01207-530	Naval Base Ventura County	San Nicolas Island	New Diesel Engine - B-58
07854-110	Hill Canyon Wastewater Plant	Camarillo	Install New Cogen Engine
08022-110	Former T.W. Brown Oil Co. (VES)	Ventura	Extend AC - 100

**Permit to Operate Applications Received
November 2010**

Permit	Facility	City	Project Description
00036-251	Pacific Custom Materials, Inc.	Frazier Park	Operate Portable Screen
00152-151	W.L. Rubottom Company Inc.	Ventura	Relocate Wood Coating Operations
00157-251	Int'l Paper, Hueneme Paper Mill	Oxnard	Modify Monitoring Condition
00263-141	Saticoy Lemon Association/Plant #4	Oxnard	Operate New Boiler
00493-151	Hamp Fee Lease	Santa Paula	Rule 74.16 Exemption
01207-531	Naval Base Ventura County	San Nicolas Island	New Diesel Engine - B-58
01338-241	P.W. Gillibrand Co., Inc.	Simi Valley	Concrete Recycling Operation
01383-161	Naumann Drill Site	Oxnard	Operate Tank and Increase Production
06451-101	Propel - Simi Valley 76	Simi Valley	Fuel Tanks - E85 & Biodiesel
07884-111	Burger King #10205	Thousand Oaks	Replace Charbroiler
08042-101	Former Texaco Station (VES)	Simi Valley	Vapor Extraction System
08071-101	A & G Auto Body LLC	Camarillo	Motor Vehicle Coating Operation
08093-101	Oxnard Airport Crushing Plant	Oxnard	Rock Crushing Plant
08097-101	DLG Coating's Inc.	Ventura County	Portable Architectural Coating Operations
08098-101	Red Robin Gourmet Burgers	Thousand Oaks	New Charbroiler
08101-101	Coyote Canyon Farms	Somis	Wood Chipping and Grinding Operation
08102-101	McGrath Farm	Camarillo	Wood Chipping and Grinding Operation
00041-1291	Aera Energy LLC	Ventura	Rule 74.16 - Eighteen Wells
00050-181	Thompson Oil Company, Inc.	Fillmore	Tank Replacement Project
00066-161	Maulhardt Lease - Oxnard Oilfield	Oxnard	Drill New Well & Transfer of Ownership
00152-151	W.L. Rubottom Company Inc.	Ventura	Relocate Wood Coating Operations
00390-161	The Termo Company	Somis	Replace Tank Battery No. 3
00493-151	Hamp Fee Lease	Santa Paula	Rule 74.16 Exemption
01043-141	Oxnard College	Oxnard	New Emergency Engine - LRC
01137-281	Oxnard Wastewater Treatment Plant	Oxnard	Existing Emergency Engine
01291-451	Skyworks Solutions, Inc.	Newbury Park	New Lift-Off Tools
05862-121	James E. Clark II Cardlock	Santa Paula	Replace Gasoline Tanks
07749-T01	Bruker Nano, Inc.	Camarillo	Transfer of Ownership - BNI
08021-101	Lennox Lease	Oxnard	Operate Oil Production Facility
08085-101	30 SW/Vandenberg Air Force Base	Point Mugu	New Command Destruct Engines



Enforcement Update

Enforcement Activities NOVEMBER 2010					
Inspections	Month	Fiscal Year	Violations	Month	Fiscal Year
Permit/Other Inspections	184	1144	Notices of Violation Issued	19	87
Complaints Received and Investigated	28	94	Cases Settled after Office Conference	15	62
Breakdowns Received and Investigated	8	41			
Asbestos Inspections	4	14			
New Business	0	3	Settlement/Fines	\$12,100	\$97,415

Sources Operating Under Variance NOVEMBER 2010					
No.	Facility/Location	Source	Rule	End Date	Status
832	Parker Process Advanced Filtration	Scrubber	29.C, 74.3	12-1-2010	In Compliance

Sources Operating Under Stipulated Conditional Order of Abatement NOVEMBER 2010					
No.	Facility/Location	Source	Rule	End Date	Status
None at this time					

NOV No	Facility Name	Phys City	Comment	NOV Date
022347	Vintage Production California LLC	Santa Paula	Permit Condition Not Met - Failure To Conduct VEE Survey	11/8/2010
022348	CA. Department of Fish & Game	Fillmore	Operating Without A Permit - Gasoline Storage Tank	11/10/2010
022349	Chevron #9-7983	Fillmore	Non-CARB Title 17 Defect - Check Valve/LRD/B-Away	11/16/2010
022382	C.D. Lyon Construction Inc.	Ventura	Improper Cleanup Solvent - Spray Equipment Cleanup	11/3/2010
022383	Orchard Supply Hardware	Thousand Oaks	Prohibition Of Sale - Sale Of Non-Compliant Coatings	11/16/2010
022384	Napa Auto Parts	Thousand Oaks	Prohibition Of Sale - Sale Of Non-Compliant Coatings	11/16/2010
022385	Napa Auto Parts	Simi Valley	Prohibition Of Sale - Sale Of Non-Compliant Coatings	11/16/2010
022386	Pep Boys	Ventura	Prohibition Of Sale - Sale Of Non-Compliant Coatings	11/17/2010
022387	Napa Auto Parts (Ojai Auto Supply)	Ojai	Prohibition Of Sale - Sale Of Non-Compliant Coatings	11/17/2010
022388	Car Quest	Santa Paula	Prohibition Of Sale - Sale Of Non-Compliant Coatings	11/18/2010
022389	Pep Boys	Oxnard	Prohibition Of Sale - Sale Of Non-Compliant Coatings	11/16/2010
022390	Napa Auto Parts	Camarillo	Prohibition Of Sale - Sale Of Non-Compliant Coatings	11/16/2010
022417	Moorpark Chevron	Moorpark	CARB Title 17 Defect-PHI/II - V.R. System Testing Failure	11/10/2010
022419	Fluid Ink Technology	Moorpark	Permit Condition Not Met - Open Container	11/30/2010
022424	McGrath Farm	Camarillo	Operating Without a Permit - Tub Grinder	11/16/2010
022610	Bank of America	Thousand Oaks	Failure to meet boiler emissions - Boiler	11/10/2010
022660	Cleaning & Laundry by Frank	Santa Paula	Operating Without A Permit - Dry Cleaning Machine	11/1/2010
022662	Hammond Canyon #2, Inc.	Ventura	Improper Vapor Recovery System - Vapor Recovery System	11/4/2010
022663	Hammond Canyon #2, Inc.	Ventura	mproper Transfer Of ROC Liquids - Oil Loading Rack	11/4/2010



Rule Development Update

Visit www.vcapcd.org/rules_division.htm

Air Pollution Control Board

EPA "Tailoring" Rule Revisions (Rules 2, 23, 33, 33.1, 35, 76 – Revised): On March 8, 2011, at 11:00 am, the Air Pollution Control Board will hold a public hearing to consider proposed rule revisions relating to Environmental Protection Agency (EPA) efforts to "tailor" existing federal permitting rules for greenhouse gas emissions.

Currently, the District issues 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. The District has determined that certain revisions to District permitting rules are required to implement EPA's tailoring requirements.

The following rules are proposed for revision:

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 are being added as regulated pollutants. Minor revisions unrelated to GHGs are also proposed. A fee for GHG permitting may be considered at a later date.

The public hearing will take place at the Ventura County Government Center in Ventura, Board Hearing Room, at 11:00 am. The proposed 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.

Public Workshop

Graphic Arts (Rule 74.19 - revised): On January 25, 2011, at 2:00 pm, the District will

hold a public workshop on proposed amendments to Rule 74.19. Staff is proposing to further reduce reactive organic compound (ROC) emissions from graphic arts operations. This rule action will implement an All Feasible Measures requirement pursuant to the California Clean Air Act (H&SC Section 40914).

The proposal 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. Existing vapor pressure requirements will be replaced with more effective ROC content limits for solvent cleaners. Complying fountain solutions and solvent cleaners are currently available from several suppliers. Also, the existing exemption for inkjet printing operations will not change under this proposal.

The meeting notice, draft rule amendments, 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.

Recent Board Actions

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.

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.

Architectural Coatings (Rule 74.2 – Revised): On January 12, 2010, the Air Pollution Control Board adopted amendments to Rule 74.2, Architectural Coatings, and Rule 2, Definitions. The revisions to Rule 74.2 implement a Suggested Control Measure adopted by the California Air Resources Board on October 27, 2007. For more information on the SCM, view the CARB staff report and technical support document at (<http://www.arb.ca.gov/coatings/arch/docs.htm>).

Final Rule 74.2 and the final staff report are available on the District's website. The effective date for this amended rule will be January 1, 2011. Also, the Board approved a Final Environmental Impact Report (FEIR) to comply with the California Environmental Quality Act (CEQA). Staff reused the 2001 Final Environmental Impact Report developed for the 2001 amendments to Rule 74.2 as the FEIR, pursuant to relevant provisions in the Ventura County Administrative Supplement to the state CEQA guidelines which govern this proposal.

Amended Rule 2, Definitions, adds the following to the list of exempt organic compounds: t-butyl acetate, methyl formate, dimethyl carbonate, and propylene carbonate. These compounds were determined by EPA to have low photochemical reactivity.

For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

Compliance Dates

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 **Don Price** at **805/645-1407** or 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.

☑ **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.

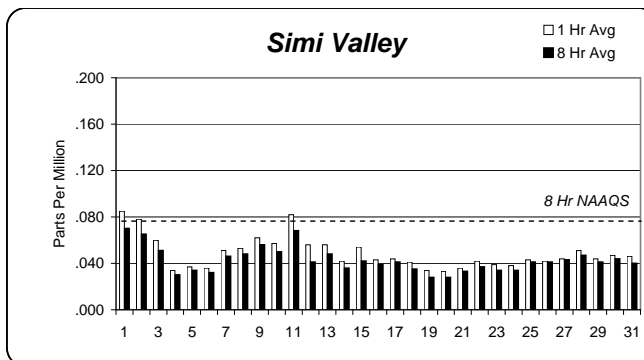
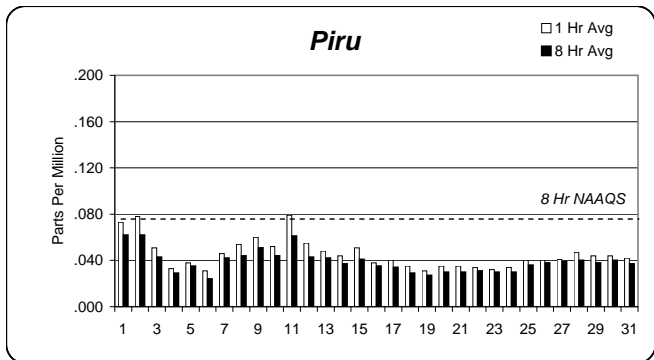
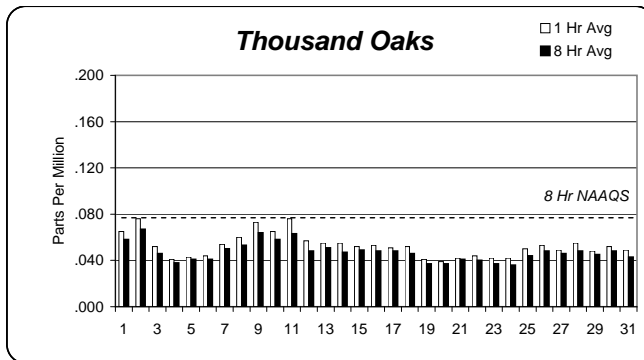
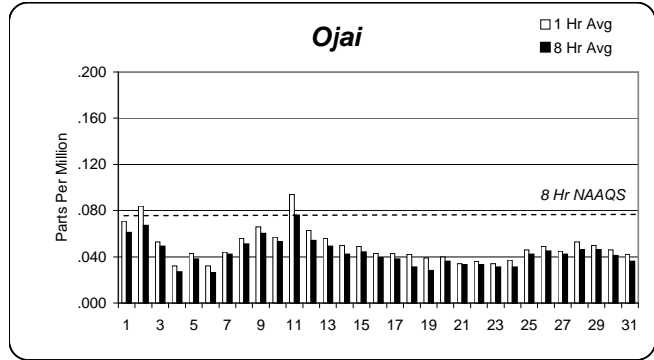
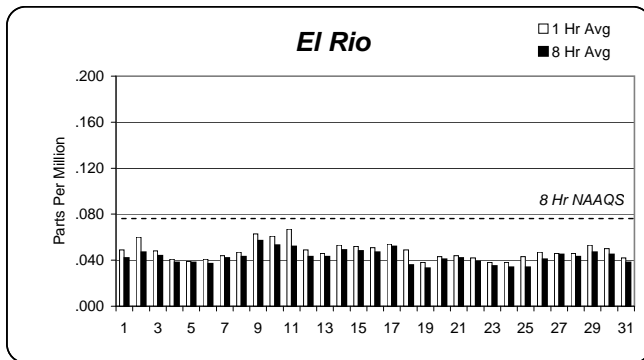
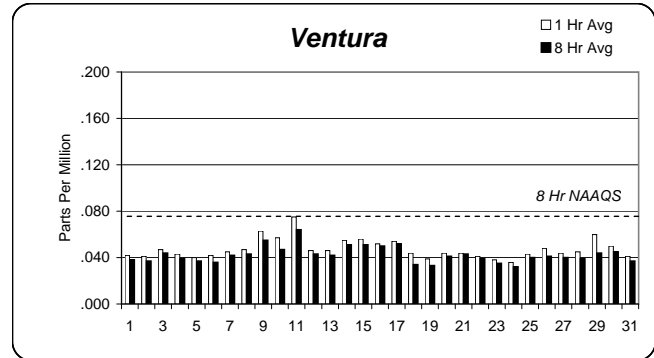
For questions on the registration program, please contact **Kerby Zozula** at **805/645-1421** or kerby@vcapcd.org. Grant money may be available from the District to replace older diesel engines with newer, compliant diesel engines, natural gas engines or electric motors. For information on District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



Ozone Report

OCTOBER 2010

There were no exceedances of the California 1 Hour standard in October. The Federal 8 Hour standard and the California 8 Hour standard were both exceeded on 1 day at Ojai. The maximum 1 hour average in the county was .094 at Ojai; the maximum 8 hour average was .076 also at Ojai.



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.