

SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

AUGUST 2009

All pumped up

Skylines recently interviewed APCD inspector Eric Wetherbee regarding California's new vapor recovery program.

What exactly is enhanced vapor recovery (EVR)?

Enhanced Vapor Recovery or "EVR" refers to a new generation of equipment to control emissions at gasoline dispensing facilities in California. The California Air Resources Board (ARB) is phasing in EVR requirements over a number of years. The most recent upgrades began in April 2005, and require the installation of equipment that controls gasoline vapor emissions during motor vehicle fueling. ARB's regulations required these upgrades to be completed by April 2009. However, many stations are just now beginning to upgrade; many others haven't yet started.

Also, as part of future EVR upgrades, higher throughput stations are required to install In-Station Diagnostics (ISD). This equipment electronically monitors the efficiency of the vapor recovery system, and alerts the station operator if there is a problem.

What's the difference between the old system and the new system?

The new EVR system uses a combination of hoses, nozzles, electronic monitoring and add-on emission control equipment to more efficiently reduce gasoline vapor emissions. When you drive up to your neighborhood gas station that has completed the EVR upgrades, the most noticeable part of the new EVR system is the add on emission control equipment.

There are a number of manufacturers that make this equipment, but only two types are currently installed in Ventura County. The first consists of a bladder encased in a steel vessel that can hold gasoline vapors.



Bladder-type EVR system.

This bladder either expands or contracts depending on whether the station's underground storage tank (UST) is under pressure or vacuum. This helps equalize gasoline vapors in the UST, preventing them from being released into the air.

The second type of EVR system uses a carbon canister that essentially filters excess gasoline vapors, releasing clean air into the atmosphere. The vapors are then routed back to the storage tank where they condense into liquid gasoline.

(continued on page 3)



APCD Calendar

AIR POLLUTION CONTROL BOARD

September 15, 2009

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

APCD ADVISORY COMMITTEE

August 25, 2009

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

CLEAN AIR FUND ADVISORY COMMITTEE

As Needed.

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

July 29, 2009

Wednesday, 10:00 a.m.
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.

AIR POLLUTION CONTROL BOARD

Brian Brennan, San Buenaventura, Chair
John Zaragoza, District 5, Vice-Chair
Steve Bennett, District 1
Linda Parks, District 2
Kathy Long, District 3
Peter Foy, District 4
Mike Morgan, Camarillo
Thomas Holden, Oxnard
Jonathan Sharkey, Pt. Hueneme
Paul Miller, Simi Valley

VENTURA COUNTY

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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 | 645-1417 |
| Permit renewal | 645-1404 |
| Public information | 645-1415 |
| Smoking Vehicle Hotline | 800/559-SMOG |
| Email address: | info@vcapcd.org |



Carbon canister-type EVR system

pressure or vacuum. This helps equalize gasoline vapors in the UST, preventing them from being released into the air.

The second type of EVR system uses a carbon canister that essentially filters excess gasoline vapors, releasing clean air into the atmosphere. The vapors are then routed back to the storage tank where they condense into liquid gasoline.

How many stations are affected here in the county?

A total of 182 stations in Ventura County were required to complete the retrofit to an EVR system. So far, 131 have completed installation and testing of their EVR equipment.

What benefits are we going to see here in Ventura County?

Installation of this more efficient vapor recovery equipment translates into a statewide reduction of 372 tons per day of hydrocarbon emissions. Hydrocarbons react with other air pollutants to form ozone.

EVR will also save 120,000 gallons of gasoline per day and save station owners and consumers \$360,000 each day. Something everyone can relate to in these tough economic times.

What's the controversy about this new system?

During the ramp up to EVR, the most common problems were:

- Until late 2008, there was only one certified EVR system available. This didn't provide gasoline station owners a choice of EVR systems when shopping for equipment for their station.
- With many stations putting off the upgrade until the last minute there were shortages of EVR equipment (mainly hoses and nozzles) and also a shortage of qualified contractors to install the equipment.
- With many stations having difficulty obtaining credit to fund their EVR upgrade, many were unable to pay for the project. In addition, there was little grant money available to help stations pay for the upgrade.

How is the District handling that?

Taking in to account any extenuating circumstances the station may be experiencing, and as long as they were heading toward compliance, the District has been working with stations to develop a plan to install EVR equipment in a timely manner. Our goal has been to work closely with each station and their installation contractor on a "Compliance Agreement" that gives a specific date for completion of the EVR equipment installation.

We've heard rumors that thousands of gas stations are going to close. What's going on?

In the last few months, air pollution control districts in California have agreed to provide relief to stations in the form of extensions. This will allow gasoline station owners to secure financing, obtain a contractor, and purchase equipment to complete their EVR upgrades in a timely manner.

The Ventura County APCD has not shut any stations down for failure to install EVR equipment. The District continues to work with the remaining gasoline stations to develop a timeline that will allow them to install more efficient EVR equipment, which will contribute to cleaner and healthier air for Ventura County's residents.

Airlines



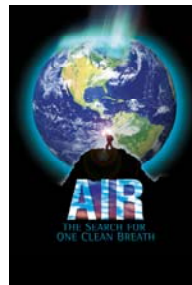
Stan – still the lawn mower man. Over the years, APCD engineer **Stan Cowen** has been coordinating the District's lawn mower trade-in program. He was recently interviewed by Kelli McKay on **KVEN** talk radio and featured in the *Ventura County Star*. The program is designed to reduce combustion emissions from gasoline-powered lawn mowers by replacing them with electric mowers. Since the program began in 2006, Cowen reports over **600** mowers have been exchanged for new electric mowers. For more information and specifics about the program, visit the APCD website or call Cowen at **645-1408**.

APCD Board Meeting highlights. At its **June 23** meeting, the following actions were taken.

- ✓ Approved and adopted **FY 2009-10 APCD budget**.
- ✓ Presented an update on transit incentive program options, as requested by the Board at its June 9 meeting. APCD presented several options to the Board concerning transit services for Ventura County.
- ✓ Approved use of Clean Air Fund to fund up to **\$30,000** for a Fumigant Emission Reduction Grant for **University of California, Davis, Department of Plant Sciences**. The project will transfer technology developed by the university to reduce soil fumigant emissions from the growing of strawberries. Past UC Davis research demonstrated the effectiveness of Virtually Impermeable Films to reduce fumigant emissions at strawberry fields in Oxnard and Watsonville. These films are used to cover the fields to trap the soil fumigant necessary for pre-plant control of soil pests and diseases. **UC Davis, the Department of Pesticide Regulation, the California Strawberry Commission, the Ventura County Farm Bureau, and the District** will all partner on this demonstration project. For more information on the project, contact **Stan Cowen** at **645-1408**.
- ✓ Approved an increase in grant funding for the **School Bus Replacement** program. This would replace five pre-1987 school

buses from **Ventura Unified School District** with four compressed natural gas buses and one diesel-hybrid bus. In addition, it would replace four pre-1987 school buses with lower emission diesel school buses. It would also assist in the replacement of one pre-1987 school bus with the **Ocean View School District** with one lower-emission diesel school bus.

- ✓ Approved using funds from the Ventura County Clean Air Fund of up to \$50,000 to continue the **Electric Lawn Mower Trade-In Rebate Program**.
- ✓ Approved cancellation of July and August Board meetings. Next meeting scheduled for **September 15**.



Film screening in August. The APCD film, *Air – the search for one clean breath*, will be screened at a meeting of the **Citizens for Peaceful Resolutions**. It will take place on August 2, at 3 p.m. at **Foster Library** in Ventura and is open to the public. During

that meeting, APCD engineer **Don Price** will also present his presentation on global climate change. It will also be shown at the **Ventura Kiwanis** on August 14, and at the **Moorpark Active Adult Center** on August 20 at 1 p.m. To schedule a screening, call **Barbara Page** at **645-1415** or email her at Barbara@vcapcd.org.

And speaking of climate change. U.S. EPA offers these tips to help fight climate change this summer.

- Set your programmable thermostat to save energy while you are away or asleep.
- Run ceiling fans in a clockwise direction to create a wind-chill effect that will make you “feel” cooler.
- Inspect your duct system for obvious signs of leaks and disconnections (most houses leak 20 percent).
- Seal air leaks around your home to keep the heat out and the cool air in.

- Maintain your cooling system. Check your system's air filter every month at a minimum and change the filter every 3 months.
- Replace incandescent light bulbs in your desk lamp with Energy Star qualified compact fluorescent light bulbs that use two-thirds less energy and generate less heat than conventional bulbs.

**DID YOU KNOW? YOU CAN
NOW CHECK
VENTURA COUNTY
AIR QUALITY
INFORMATION
USING TWITTER. VISIT
WWW.TWITTER.COM/VCAPCD**



on climate change

U.S. House of Representatives passes historic Waxman-Markey Clean Energy Bill.

On June 26, the House of Representatives passed the landmark American Clean Energy and Security Act, sponsored by Rep. Henry A. Waxman, Chairman of the House Energy and Commerce Committee, and Rep. Edward J. Markey, Chairman of the House Select Committee on Energy Independence and Global Warming.

According to Chairman Waxman, "Today we have taken decisive and historic action to promote America's energy security and to create millions of clean energy jobs that will drive our economic recovery and long-term growth. After more than three decades of being held hostage to the influence of foreign energy suppliers, this legislation at long last begins to break our addiction to imported foreign oil and put us on a path to true energy security."

Chairman Markey adds, "Scientists say that global warming is a dangerous man-made problem. Today we are saying clean energy will be the American-made solution."

The bill contains the following key provisions:

- Requires electric utilities to meet 20% of their electricity demand through renewable energy sources and energy efficiency by 2020.
- Invests \$190 billion in new clean energy technologies and energy efficiency, including energy efficiency and renewable energy (\$90 billion in new investments by 2025), carbon capture and sequestration (\$60 billion), electric and other advanced technology vehicles (\$20 billion), and basic scientific research and development (\$20 billion).
- Mandates new energy-saving standards for buildings, appliances, and industry.
- Reduces carbon emissions from major U.S. sources by 17% by 2020 and over 80% by 2050 compared to 2005 levels. Complementary measures in the legislation, such as investments in preventing tropical deforestation, will achieve significant additional reductions in carbon emissions.
- Protects consumers from energy price increases.

Now the big question is: What is the Senate going to do?

Source: Representative Henry A. Waxman news release 6/26/09



Rule Development Update

Visit www.vcapcd.org/rules_division.htm

Air Pollution Control Board

Paved Roads and Public Unpaved Roads and Certified PM-10 Street Sweeping Equipment (Rule 55.1 and Rule 55.2 – New): The Air Pollution Control Board will hold a public hearing to consider adoption of Rules 55.1 and 55.2 on September 15, 2009. The proposed new rules will reduce particulate matter (PM) emissions in Ventura County. On May 26, 2009, the APCD Advisory Committee recommended adoption of these rules. The Committee made one modification to Rule 55.1, allowing the construction of swales (ditches) in place of paved or treated shoulders. Ventura County fails to meet the state standard for PM air quality, and a 2003 state law (SB 656) mandated that the District adopt new regulations to reduce PM air pollution.

Proposed Rules 55.1 and 55.2 will implement PM control measures adopted by the Board on June 28, 2005, but not included in the recent adoption of Rule 55, Fugitive Dust. Although the proposed rules are based on South Coast AQMD Rule 1186, not all requirements from that rule are being proposed.

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

Public Consultation Meetings

Architectural Coatings (Rule 74.2 – Revised): On June 18, 2009, at 2:00 p.m., staff held a public consultation meeting on proposed amendments to Rule 74.2, Architectural Coatings. These proposed amendments duplicate the 2007 Suggested Control Measure (SCM) adopted by the Air Resources Board on October 27, 2007. Adoption of this SCM will implement Control Measure R-329 from the Ventura County APCD 2007 Air Quality Management Plan.

In developing the new proposed limits for the Reactive Organic Compound (ROC) content of architectural coatings, the Air Resources Board (ARB) evaluated the state survey of coatings sold in 2004, cost of compliance surveys submitted by industry, and South Coast AQMD Rule 1113, Architectural Coatings. For more information on the SCM, the ARB has posted their staff report and

technical support document on their website (<http://www.arb.ca.gov/coatings/arch/docs.htm>).

The proposed amendments to Rule 74.2 and staff report are available on the District's website. Also, staff has posted a Notice of Preparation of a Draft Environmental Impact Report (DEIR) and Initial Study to comply with the California Environmental Quality Act (CEQA). Staff is proposing to reuse the 2001 Final Environmental Impact Report developed for the 2001 amendments to Rule 74.2 as the DEIR, and to follow relevant provisions in the Ventura County Administrative Supplement to state CEQA guidelines which govern this proposal.

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

Emissions Banking for Agricultural Pump Engines (Rule 26.4.1 - new): On August 12, 2008, District staff held a public consultation meeting to discuss the development of a new rule that will establish a procedure for banking surplus agricultural pump engine emission reductions. These engines are currently exempt from the requirement to hold a Permit to Operate.

Emission banking will be allowed only when fuel use and hours of operation data is available and may require a restrictive covenant to ensure that banked emissions are permanently reduced. The proposal expands on the requirements of Rule 26.4, Emissions Banking, which is part of Rule 26, New Source Review. The EPA has stated that agricultural pump engine emissions reductions will not be recognized unless Rule 26.4.1 (or a similar proposal) is adopted.

Initial information appears on the District's website. For additional information, contact **Don Price** at **805/645-1407** or don@vcapcd.org or **Kerby Zozula** at **805/645-1421** or kerby@vcapcd.org.

Recent Board Actions

Permit Fees (Rule 42 – Revised): On April 14, 2009, the Air Pollution Control Board adopted amendments to Rule 42. The revisions include a 3.5 percent increase in permit renewal fee rates, effective July 1, 2009. For permit holders paying the minimum fee, this revision will result in a fee increase of \$16.00 per year. The Board also

adopted an hourly fee for the processing of Title V Permits to Operate and a revision to the 'transfer of ownership' fee.

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.

Storage and Transfer of Gasoline (Rule 70 - revised): On March 10, 2009, the Air Pollution Control Board adopted amendments to Rule 70. The revisions include:

- An exemption from Phase II enhanced vapor recovery for fleets equipped with Onboard Refueling Vapor Recovery (ORVR);
- An exemption from Phase II for E85 fueling facilities;
- A restriction on standing gasoline in Phase I spill containment devices;
- A requirement for daily hanging hardware inspections; and,
- A requirement to submit test results within 14 days.

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.

Compliance Dates

January 1, 2009

Motor Vehicle and Mobile Equipment Coating Operations (Rule 74.18 – Revised): Revisions to the coating ROC content limits in Rule 74.18 become effective on January 1, 2009, except for the following coating categories, which become 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 become effective on January 1, 2010. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

July 8, 2008

Surface Coating of Metal Parts and Products (Rule 74.12 – Revised): Revisions to Rule 74.12 become effective 90 days after adoption, or July 8, 2008. The revisions include a lower ROC limit for general air-dry one-component coatings (2.3 lb/gal) and a new multi-component coating category at 2.8 lb/gal. In addition, a requirement to use cleanup solvents with an ROC content of no more than 25 grams per liter (g/l), or 0.21 lb/gal, becomes effective. For additional information, contact **Don Price** at **805/645-1407** or don@vcapcd.org.

March 1, 2008

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

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

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



Enforcement Update

Visit http://www.vcapcd.org/compliance_division.htm

| Enforcement Activities JUNE 2009 | | | | | |
|---|--------------|------------------|---------------------------------------|--------------|------------------|
| Inspections | Month | Fiscal/Yr | Violations | Month | Fiscal/Yr |
| Permit/Other Inspections | 227 | 2907 | Notices of Violation Issued | 26 | 303 |
| Complaints Received and Investigated | 7 | 158 | Cases Settled after Office Conference | 35 | 267 |
| Breakdowns Received and Investigated | 5 | 95 | | | |
| Asbestos Inspections | 7 | 48 | | | |
| New Business | 2 | 8 | Settlement/Fines | \$37,750 | \$439,411 |

| Sources Operating Under Variance JUNE 2009 | | | | | |
|---|-------------------------------------|---|---------------|-----------------|---------------|
| No. | Facility/Location | Source | Rule | End Date | Status |
| 805 Regular | Barnett Tool and Engineering | Adhesive and Adhesive Primer for Clutches | 74.20 | 9-01-09 | On Schedule |
| 816 Regular | Dos Cuadras Offshore Resources, LLC | Flare | 29.C, Cond. 8 | 11-9-09 | On Schedule |

| Sources Operating Under Stipulated Conditional Order of Abatement JUNE 2009 | | | | | |
|--|--------------------------|---------------|-------------|-----------------|---------------|
| No. | Facility/Location | Source | Rule | End Date | Status |
| | None at this time | | | | |
| | | | | | |

| NOV No | Facility Name | Phys City | Comment | NOV Date |
|--------|------------------------------------|---------------------|---|-----------|
| 021516 | Golden State Petroleum | Santa Paula | CARB Title 17 Defect PHI/II - V.R. System Testing Failure | 6/2/2009 |
| 021517 | Valero of Santa Paula | Santa Paula | CARB Title 17 Defect-PHII - Dispenser/Hanging Hardware | 6/4/2009 |
| 021518 | Vintage Production California LLC | Fillmore | Failure To Repair Leak - Oilfield Components | 6/8/2009 |
| 021519 | Vintage Production California LLC | Ventura | Improper Vapor Recovery System - Vapor Recovery System | 6/9/2009 |
| 021520 | ADAR Chevron | Santa Paula | Operating Without A Permit - Gas Dispensing Facility | 6/25/2009 |
| 021887 | Los Robles SurgiCenter | Thousand Oaks | Permit Condition Not Met - Emergency Generator Usage | 6/9/2009 |
| 021888 | University Village Thousand Oaks | Thousand Oaks | Permit Condition Not Met - Emergency Engine | 6/24/2009 |
| 021889 | Macy's #134B | Simi Valley | Failure To Supply Source Test - Emergency Engine | 6/26/2009 |
| 021890 | Macy's Simi Vly Town Ctr Mall #134 | Simi Valley | Failure To Supply Source Test - Emergency Engine | 6/26/2009 |
| 021891 | Macy's #38 | Ventura | Failure To Supply Source Test - Emergency Engine | 6/26/2009 |
| 021986 | Ocean View School District | Oxnard | Permit Condition Not Met - Exceeding Throughput Limit | 6/2/2009 |
| 022025 | Platform Gail | Offshore of Ventura | Permit Condition Not Met - Water Injection Rate | 6/2/2009 |
| 022026 | Platform Gail | Offshore of Ventura | Permit Condition Not Met - SCR Temperature | 6/2/2009 |
| 022027 | Oxnard Wastewater Treatment Plant | Oxnard | Permit Condition Not Met - Exceeding H2S Digester Gas | 6/9/2009 |
| 022064 | Shell Camarillo | Camarillo | CARB Title 17 Defect PHII - V.R. System Testing Failure | 6/10/2009 |
| 022166 | SJ & PJ Auto | Simi Valley | Failure To Test By Anniversary Date - PHI/II Testing | 6/4/2009 |
| 022167 | Yosemite Shell | Simi Valley | CARB Title 17 Defect-PHI - V.R. System Testing Failure | 6/22/2009 |
| 022231 | Ozena Valley Ranch | Lockwood Valley | Permit Condition Not Met - Aggregate Plant | 6/10/2009 |
| 022232 | Moore Coffee Tea & Spices | Ventura | Permit Condition Not Met - Coffee Roaster | 6/16/2009 |
| 022233 | Frontier Paint & Wallcovering | Ventura | Offering For Sale Non-Compliant Coatings - Stain | 6/18/2009 |
| 022234 | Pacific View Mall | Ventura | Failure To Supply Source Test - Diesel Engine | 6/18/2009 |
| 022235 | Robles Fish Passage | Meiners Oaks | Failure To Submit Annual Report - Standby Emergency Generator | 6/18/2009 |
| 022236 | Santa Paula Shell | Santa Paula | Failure To Maintain PHII VR System - PHII Vapaor Recovery | 6/4/2009 |
| 022267 | Aera Energy LLC | Ventura | Improper Vapor Recovery System - Vapor Recovery System | 6/15/2009 |
| 022268 | Rincon Island Ltd. Partnership | Ventura | Exceeding Leak Rate Threshold - Oilfield Components | 6/29/2009 |
| 022269 | Rincon Island Ltd. Partnership | Ventura | Improper Vapor Recovery System - Vapor Recovery System | 6/29/2009 |



Engineering Update

| ERC Balances by Company (Units – Tons per Year) As of July 6, 2009 | | | | | |
|---|--------|-------|------------------|------|------------|
| 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 |
| 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. | 0.71 | 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 | 2.56 | 0.14 | 3.90 | 0.04 | No |
| Naval Base Ventura County | 0.24 | 5.40 | 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 | 5.11 | 0.00 | 0.03 | No |
| 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 | 5.70 | 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 |
| 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 |

| ERC Balances by Company (Units – Tons per Year) As of July 6, 2009 | | | | | |
|---|-------|--------|------------------|------|------------|
| 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 | 0.01 | 0.01 | 0.00 | 0.00 | No |
| The Boeing Company | 0.20 | 0.69 | 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 | 0.89 | 0.51 | 0.03 | 0.01 | Yes |
| Unocal | 4.45 | 0.00 | 0.00 | 0.00 | Yes |
| Vaquero Energy | 0.48 | 0.79 | 0.00 | 0.00 | No |
| Venoco, Inc. | 0.22 | 19.54 | 0.05 | 0.00 | No |
| Venoco, Inc. | 13.51 | 5.76 | 0.79 | 0.14 | Yes |
| Ventura County APCD Board | 55.00 | 0.00 | 0.00 | 0.00 | No |
| Vintage Production California LLC | 0.08 | 4.02 | 0.14 | 0.01 | No |
| Vintage Production California LLC | 2.81 | 97.16 | 1.47 | 0.14 | 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 Forms-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 June 2009 | | | |
|--|--------------|---------------------------|--------------|
| Authorities to Construct | Month | Permits to Operate | Month |
| Permits Requested | 5 | Permits Requested | 26 |
| Permits Issued | 6 | Permits Issued | 29 |
| Applications Under Review | 27 | Applications Under Review | 70 |
| Sources Holding Permits | 70 | Sources Holding Permits | 1452 |
| Average Turnaround Time | 5.2 Weeks | Average Turnaround Time | 6.5 Weeks |

| Authority to Construct Applications Received June 2009 | | | |
|---|------------------------------|---------------|--|
| Permit | Facility | City | Project Description |
| 00041-1150 | Aera Energy LLC | Ventura | Tank Replacement – C & D Blocks |
| 00721-120 | Saticoy Auto Body & Paint | Saticoy | Additional Heated Spray Booth |
| 07945-120 | Former Newbury Park Facility | Newbury Park | Modify Vapor Extraction Control System |
| 08051-100 | Wash Depot IV, Inc. (VES) | Thousand Oaks | Soil Vapor Extraction System (VES) |
| 08052-100 | Delta Microwave | Oxnard | Surface Coating Operations |

| Authorities to Construct Issued June 2009 | | | |
|--|------------------------------------|--------------------|------------------------------------|
| Permit | Facility | City | Project Description |
| 00041-1130 | Aera Energy LLC | Ventura | New Lloyd Wells |
| 01207-470 | Naval Base Ventura County | San Nicolas Island | Engine Replacement - B-111 & B-144 |
| 07441-120 | Former 76 Station No. 5228 (VES) | Camarillo | Replace Carbon with Oxidizer - VES |
| 07915-170 | Hunsucker Lease | Oxnard | Additional Steam Generators |
| 07915-180 | Hunsucker Lease | Oxnard | Drill Three Oil Wells |
| 08008-110 | Mission Rock Road Asphalt Facility | Santa Paula | Install Gasoline Tank |

| Permit to Operate Applications Received June 2009 | | | |
|--|-----------------|-------------|-----------------------------|
| Permit | Facility | City | Project Description |
| 00041-1042 | Aera Energy LLC | Ventura | Operate Hartman Well No. 16 |
| 00041-983 | Aera Energy LLC | Ventura | Tank Replacement Project |

| Permit to Operate Applications Received (continued) | | | |
|--|----------------------------------|------------------|-------------------------------------|
| June 2009 | | | |
| 00041-999 | Aera Energy LLC | Ventura | Tank Replacement Project |
| 00061-181 | Southern California Gas Co. | Ventura | Revise Engine Emission Calculations |
| 00335-121 | Wind River Exploration, Inc. | Fillmore | Tank Replacement Project |
| 00396-311 | Venoco, Inc. - West Montalvo | Oxnard | Rule 74.16 - 3 Wells |
| 00818-T03 | Bank of America | Thousand Oaks | Transfer of Ownership - B of A |
| 00845-121 | Anacapa Berry Farms | Oxnard | Increase MeBr Consumption Limit |
| 00858-131 | Southern California Edison Co. | Ventura | Replace Gasoline Tank |
| 01324-T01 | Bank of America | Simi Valley | Transfer of Ownership - B of A |
| 01491-281 | Platform Gina | Offshore Ventura | Additional Crew Supply Boat |
| 01492-341 | Platform Gilda | Offshore Ventura | Additional Crew Supply Boat |
| 05529-121 | A & I Mini Mart & Gas | Meiners Oaks | Phase II EVR - VST Hirt |
| 05656-131 | Borchard Chevron | Newbury Park | Increase Gasoline Throughput Limit |
| 05789-121 | ADAR Chevron | Santa Paula | Phase II EVR – VST |
| 06186-151 | Circle K Stores Site #01045 | Ojai | Phase II EVR With ISD |
| 06347-T03 | Market Street Carwash & Gas | Ventura | Transfer of Ownership - NNN |
| 06408-151 | El Rio Vineyard Shell & Foodmart | Oxnard | Increase Gasoline Throughput |
| 06426-T02 | Johnson Drive Carwash & Gas | Ventura | Transfer of Ownership - NNN |
| 06434-131 | Valley Fuel Supply, Inc. | Oxnard | Phase II EVR – HIRT |
| 07294-201 | Schlumberger (Vent.ura Services) | Ventura County | Additional Portable OCS Engine |
| 07390-T01 | Bank of America | Simi Valley | Transfer of Ownership - B of A |
| 07682-111 | City of Ventura | Ventura | Replace Emergency Diesel Engine |
| 08025-111 | Moorpark College | Moorpark | New Emergency Engines |
| 08028-101 | Pratt & Whitney Rocketdyne (PWR) | Simi Valley | Engine Testing Facility |
| 08050-101 | DCOR, LLC | Ventura County | Portable Diesel Compressor Engine |

| Permits to Operate Issued | | | |
|----------------------------------|-----------------------------------|-------------|--------------------------------|
| June 2009 | | | |
| Permit | Facility | City | Project Description |
| 00053-291 | Vintage Production California LLC | Santa Paula | Increase Tanks' Oil Throughput |
| 00157-231 | Int'l Paper, Hueneme Paper Mill | Oxnard | Part 70 Reissuance Application |

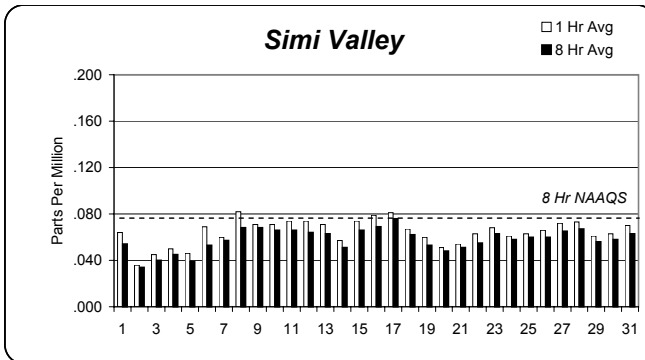
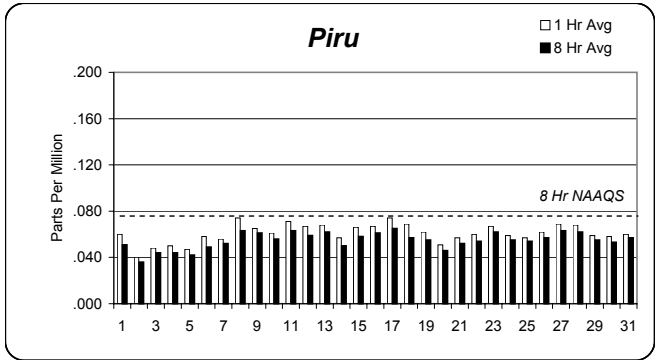
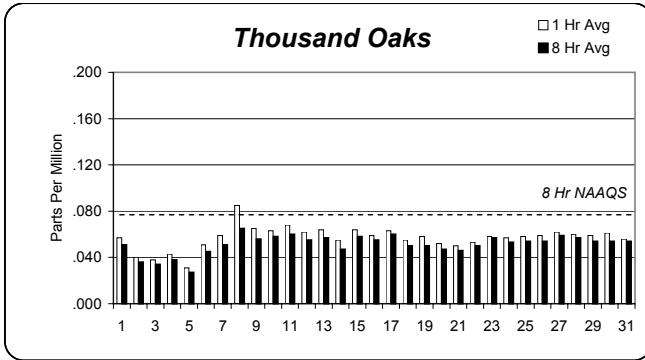
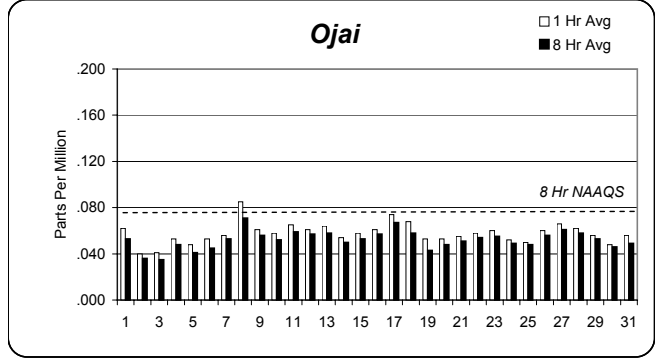
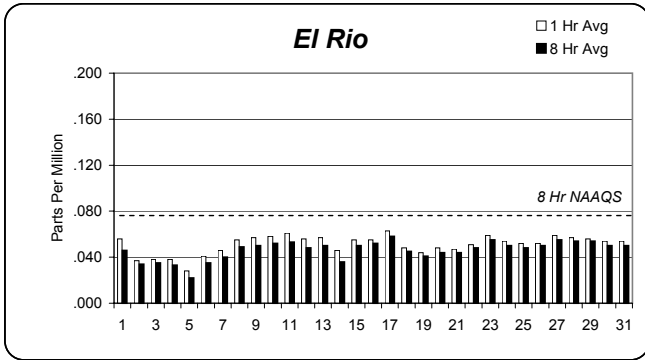
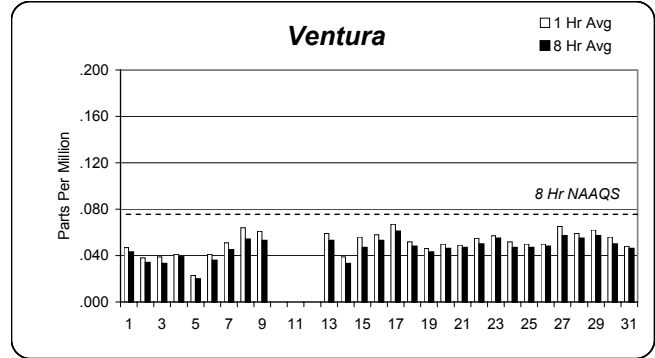
| Permits to Operate Issued (continued) | | | |
|--|--------------------------------|----------------|---|
| June 2009 | | | |
| 00191-111 | Silver Exploration Company Inc | Santa Paula | Tank Replacement Project |
| 00232-411 | Santa Susana Field Laboratory | Simi Valley | Additional Engines |
| 00396-311 | Venoco, Inc. - West Montalvo | Oxnard | Rule 74.16 - 3 Wells |
| 00464-201 | Pentair Pool Products, Inc. | Moorpark | Additional Filter Production Line |
| 00592-T04 | 101 Supercraft | Oxnard | Transfer of Ownership - 101 |
| 00818-T03 | Bank of America | Thousand Oaks | Transfer of Ownership - B of A |
| 01324-T01 | Bank of America | Simi Valley | Transfer of Ownership - B of A |
| 01340-251 | PTI Technologies Inc | Oxnard | Control Hexane Emissions |
| 01377-121 | Ventura Wastewater Plant | Ventura | Existing Emergency Engine |
| 01381-371 | Amgen Inc. | Thousand Oaks | Boilers - Modify Monitoring Conditions |
| 01412-122 | Republic Fastener Mfg. Corp. | Newbury Park | Increase Consumption and Replace Oxidizer |
| 04139-121 | Dryclean Safari | Oxnard | New Dryclean Machine (Petroleum) |
| 05529-121 | A & I Mini Mart & Gas | Meiners Oaks | Phase II EVR – VST Hirt |
| 05546-131 | S & S Chevron | Oxnard | Increase Gasoline Throughput Limit |
| 05656-131 | Borchard Chevron | Newbury Park | Increase Gasoline Throughput Limit |
| 06186-151 | Circle K Stores Site #01045 | Ojai | Phase II EVR With ISD |
| 06347-T03 | Market Street Carwash & Gas | Ventura | Transfer of Ownership - NNN |
| 06426-T02 | Johnson Drive Carwash & Gas | Ventura | Transfer of Ownership - NNN |
| 06434-131 | Valley Fuel Supply, Inc. | Oxnard | Phase II EVR – HIRT |
| 06449-101 | Silvas Oil Company, Inc. | Ventura | New Gasoline Station |
| 07264-141 | Maxim Douglas | Ventura | Increase Coating Usage Limit |
| 07431-121 | Elite Metal Finishing | Oxnard | Additional Spray Booth |
| 07432-151 | Catalytic Solutions, Inc. | Oxnard | Modify Testing Frequency |
| 07464-121 | California Lutheran University | Thousand Oaks | Operate Swimming Pool Heater |
| 07994-101 | Cardservice International | Moorpark | Existing Boilers and Emergency Engine |
| 08046-101 | Bailard OMC | Ventura County | Portable Diesel Engine |
| 08048-101 | The HDD Company, Inc. | Ventura County | Portable Diesel Engine |



Ozone Report

MAY 2009

There were no exceedances of the California 1 Hour standard. The Federal 8 Hour standard was exceeded on 1 day at Simi Valley. The California 8 Hour standard was exceeded on 1 day at Ojai and Simi Valley. The maximum 1 hour average was .085 at Ojai and Thousand Oaks; the maximum 8 hour average was .076 at Simi Valley.



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.