

SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

SEPTEMBER 2010

Some FAQs about air quality in Ventura County and throughout California

I have a question

What are the air pollutants of most concern and what are the health effects of these?

Particulate matter (PM), ozone, and some toxic compounds appear to pose the greatest health concerns in California's ambient air. Levels of these pollutants vary a lot throughout the State and by the time of year. PM is reported and regulated in two size ranges, with the smaller of the two known as PM_{2.5} and the larger known as PM₁₀. Health effects from elevated concentrations of PM include increased respiratory disease, heart disease, lung damage, cancer, and increased mortality. Health effects from ozone include breathing problems, lung tissue damage, cancer, and increased mortality. Elevated levels of toxic compounds may lead to chronic health problems such as cancer.

How do we measure air quality?

The District's Monitoring and Technical Services Division has technicians, chemists and

meteorologists who continuously maintain and operate equipment to monitor the air. They do this at monitoring stations in Piru, Ventura, Simi Valley, Thousand Oaks, El Rio, and Ojai. The District analyzes data on the criteria pollutants (ozone, particulate matter, carbon monoxide, & nitrogen dioxide). And because weather conditions are crucial to the formation and movement of air pollution, each monitoring station also measure atmospheric conditions including relative humidity, ultraviolet and solar radiation, barometric pressure, visibility, surface temperature, winds, and precipitation.

How can I determine how polluted the air is here in Ventura County?

There are several different ways to find Ventura County's air quality levels. You can sign up to receive our daily air quality report by email or Twitter. Sign up by going to the District's website, www.vcapcd.org. When you sign up to follow the District on Twitter, you

will receive daily air quality reports as well as occasional clean air messages. From the District's main web page you can navigate to the District's Air Quality Forecast and Agricultural Burn Status page. You can also find the air quality information for the County in the weather section of the Ventura County Star.

**SURPRISINGLY,
OZONE
POLLUTION
IS INVISIBLE
AND
ODORLESS**

Readings from the District's ozone and fine particulate monitors are sent to EPA's AIRNow website – www.airnow.gov.

You provide the zip code of the area you are interested in and the Air Quality Forecast for that area is displayed. You can also type in the state you are interested in and then

AIR POLLUTION CONTROL BOARD

September 14, 2010

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

APCD ADVISORY COMMITTEE

None scheduled at this time.

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

October 20, 2010

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
Paul Miller, Simi Valley, 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
Brian Brennan, San Buenaventura

Ventura County

Air Pollution Control District

669 County Square Drive, 2nd Floor
Ventura CA 93003

Air Pollution Control Officer

Michael Villegas

Skylines

Editor – Barbara L. Page
Desktop Publishing –
Suzanne Devine

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 |

scroll to the area or county of interest. For Ventura County you will see the air quality forecast for each of Ventura County's air quality regions. Clicking on the air quality region provides additional information.

You can also sign up for EnviroFlash at www.enviroflash.info. You will receive daily emails for your area of interest. EnviroFlash uses the same data as AIRNow. Some state and local agencies that use EnviroFlash now have the option to post (or "Tweet") air quality forecasts and Action Day notifications to Twitter.

Can I tell how polluted the air is by looking and by smelling it? And what gives some polluted air the brown color?

Surprisingly, ozone pollution is invisible and odorless. So air that looks clean may actually have unhealthy concentrations of ozone. Particulate matter can also be at unhealthy levels when the air appears clean. Conversely, some air pollutants can significantly discolor the air and still be at levels that are considered healthy. So what makes the air look really brown? You can blame very small particles in the air. Sunlight is made up of a



Vintage photo of LA smog in the 1950s

source: SCAQMD

rainbow of colors all blended together. The small particles keep more of the blue color from reaching your eyes than the remaining colors (this is a result of light scattering). When you take away more of the blue light, the remaining colors of the sunlight give the polluted air a brownish color, sometimes with a yellow or greenish tint. The variation in color largely depends on the particle sizes present.

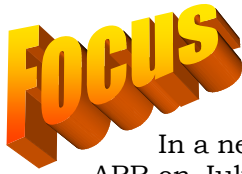
How does air quality vary statewide? Air quality is routinely measured at close to 300 locations in California. These measurements give us a good understanding of the air quality in the various regions of the state. However, specific locations may be affected by specific

sources. *The Report on Assessment of California's Statewide Air Monitoring Network*, is available at the California Air Resources Board website at arb.ca.gov.

Is there a time of the year when air quality is best/worst? Generally, air quality is best in late winter and early spring, and worst through the summer to the end of the year and on into January.

Throughout much of the State, for example, ozone is worst from June through September. And PM2.5 and PM10 are worst from October through January. Of the toxic compounds measured that pose the greatest chronic health risk, the worst ambient air quality appears to be from October through February. This is because weather conditions that time of year often restrict the dispersion of the toxic compounds, causing ambient concentrations to increase.

(source: California Air Resources Board; Ventura County Air Pollution Control District)



on climate change

This just in from the California Air Resources Board (ARB). Warming climate means harsher smog season for California. - - and what is a 'climate penalty?'

In a new report released by the ARB on July 21, scientists from the University of California at Davis and Berkeley estimate that rising temperatures from climate change will increase ozone levels in California's major air basins. The scientific study provides evidence of what is becoming known as the 'climate penalty,' where rising temperatures increase ground level ozone and airborne particles, despite the reductions achieved by programs targeting smog-forming emissions from motor vehicles and industrial sources.

Authors of the study found that California could experience as many as six to 30 more days with ozone concentrations that exceed federal clean-air standards, depending on the extent of increased temperatures and assuming criteria-pollutant emissions in California remain at 1990-2004 levels. Our

study reveals that climate change and regional air pollution are intertwined problems," said the study's lead author, Dr. Michael J. Kleeman of U.C. Davis. "We must consider climate change and air pollution together as we plan for the future."

The researchers predicted the effects of climate change on California regions by merging the results from large-scale global models with detailed models for the South Coast and San Joaquin Valley. These narrow-focused models use high-resolution information about the geography, meteorology, and emissions of these areas. To view the report, go to www.arb.ca.gov/research/apr/past/climate.htm

AirLines



APCD's Henrik Lehnerer and visiting student Sammy Wagner from Pella High School in Iowa, filming the District's first YouTube video.

Message from Mike. Air pollution control officer **Mike Villegas**

has gone *YouTube*. Mike shares his first message – *Our Mission: Clean Air*, on the APCD website. In the video, Villegas discusses the District's goals and organization. The District will feature other topics in the future. Look for *Message from Mike* under District videos.

"Rock your Ride," and celebrate Rideshare Week October 4-8. Southern California employers are getting set to remind their employees that sharing the ride benefits everyone. Saving money, improving our air quality and mobility,

helping ease traffic on roads and freeways, and boosting employee morale are just a few of the benefits.

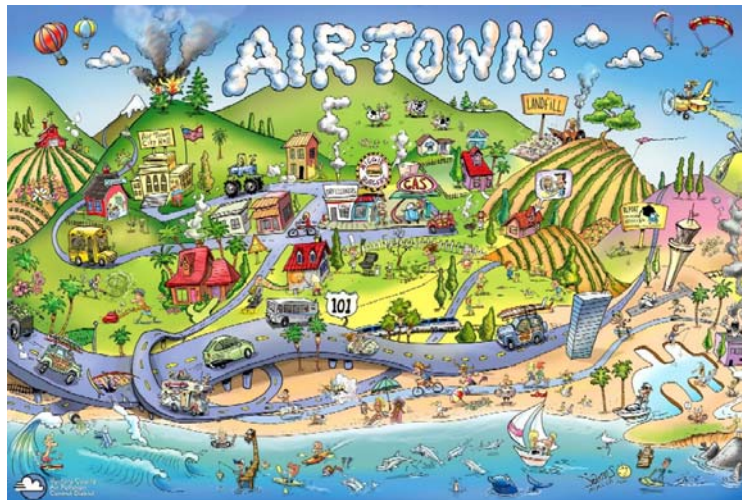
Rideshare Week really does make a difference. A Caltrans study showed that of people who try ridesharing for the first time during Rideshare week, 60 percent continue to share the ride. The campaign does slash commute trips. Most of us do the home-to-work commute day after day, year after year. Over time, these trips can really take a toll on air quality. Why do we make the trip the same every day? Commuters can mix it up and save trips, creating less pollution. Ridesharing, walking, biking. It all helps. Transit works in some cases and teleworking too. During Rideshare Week, Ventura County employees can make a pledge to try a new commute method. And prizes make it all a lot of fun.

In Ventura County, Rideshare Week is co-sponsored by the Ventura County Transportation Commission and APCD.

Materials are provided to large employers and others who request information. Speakers from both agencies are available to visit companies during Rideshare Week. Online carpool matching is available at www.rideshare.info with more information on Rideshare Week at www.vcapcd.org/rideshare.htm Coming soon: downloadable flyers and pledge cards online to convey the clean commute message to Ventura County employees. Contact APCD's **Judy Willens** at **805/645-1424**. Follow APCD on twitter at www.twitter.com/vcapcd and VCTC

at www.goventura.org. Become a fan of Ridesharing!

Numbers released. Last Earth Day, the **Try Transit** promotion, sponsored by the **APCD** and Gold Coast Transit, involved almost 8,000 residents and was worth \$11,000. in free rides. The free rides were offered by Camarillo Area Transit, Gold Coast Transit, Moorpark City Transit, Simi Valley Transit, Thousand Oaks Transit, and VISTA. Check out www.trytransitventuracounty.org.



This year "Back to School" time is also an occasion to teach students to be air aware. September can be one of the most critical times of the year for ozone pollution because it can be one of the hottest months.

APCD has public information materials for County students, including the *Skykeeper Rabbit Activity Book* for younger students, and *The Book of Air*, for intermediate and high school students. In addition, the *Educator's Guide to Air - the search for one clean breath* can be downloaded at airthefilm.org. And, we have *Airtown* folders (above) for everyone. Call 645-1415 for more information.



Rule Development Update

Visit www.vcapcd.org/rules_division.htm

Public Workshop

EPA "Tailoring" Rule Revisions (Rules 2, 23, 33, 33.1, 35, 42, 76 – Revised): On September 21, 2010, at 10:30 am, the District will conduct a public workshop to discuss proposed rule revisions relating to Environmental Protection Agency (EPA) efforts to "tailor" existing federal permitting rules to regulate greenhouse gas emissions.

Currently, the District regulates "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 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 42, Permit Fees
7. Rule 76, Federally Enforceable Limits on Potential to Emit.

Revisions include GHG applicability thresholds and a two-step implementation process. Also, GHGs are being added as regulated pollutants and new definitions are being added. Minor revisions unrelated to GHGs are also proposed.

The workshop will take place at the District offices in Ventura. The draft rules and draft staff report appear on the District's website. For additional information contact **Don Price** at **805/645-1407** or don@vcapcd.org.

Advisory Committee

Hearing Board Rules (Rules 112, 114, 117, 120, 123, 124, 126 – Revised): On September 28, 2010, at 7:30 pm, the District Advisory Committee will meet to consider proposed revisions to seven

Regulation VII Hearing Board rules. The rules, all adopted on August 12, 1969, unless otherwise noted, are:

1. Rule 112, Contents of Petitions
2. Rule 114, Appeal from Denial, Suspension, Conditional Approval or Fees Assessed
3. Rule 117, Answers
4. Rule 120, Notice of Hearing
5. Rule 123, Findings, Variance or Abatement Order, originally adopted 8/17/76.
6. Rule 124, Decision
7. Rule 126, Effective Date of Decision

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 meeting will take place at the District offices in Ventura. The draft rules and draft staff report appear on the District's website. For additional information contact **Don Price** at **805/645-1407** or don@vcapcd.org.

Recent Board Actions

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.

2010 Rule Development Calendar: On January 12, 2010, the Air Pollution Control Board approved the 2010 Rule Development Calendar. Health and Safety Code §40923(a) requires the District to publish each January 1 a list of regulatory measures scheduled, or tentatively scheduled, for consideration during the following year. Except for limited exceptions, the District may only propose consideration of regulatory measures during a year if those measures appear on the published list. State law does not require that the rulemaking calendar include control measures to comply with federal requirements, to abate substantial endangerment to the public health, to implement Air Toxic Control Measures published by the ARB, or to implement contingency measures after an ARB determination of inadequate progress.

The 2010 rule development calendar is available on the District's website. For additional information contact **Mike Villegas** at **805/ 645-1440** or mike@vcapcd.org.

Paved Roads and Public Unpaved Roads and Certified PM-10 Street Sweeping Equipment (Rule 55.1 and Rule 55.2 – New): On September 15, 2009, the Air Pollution Control Board adopted new Rules 55.1 and 55.2. The new rules will reduce particulate matter (PM) emissions in Ventura County. The APCD Advisory 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.

New 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 new rules are based on South Coast AQMD Rule 1186, not all requirements from that rule are included.

The final 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.

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 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.

☑ **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.



Engineering Update

| ERC Balances by Company (Units – Tons per Year) As of August 4, 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 |
| 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. | 0.71 | 0.00 | 0.00 | 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 | 0.11 | 5.13 | 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 | 0.57 | 0.00 | No |
| Pacific Operators Offshore LLC | 0.30 | 1.77 | 0.09 | 0.02 | No |
| Pacific Recovery Corporation | 0.12 | 22.98 | 0.00 | 0.03 | 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 |
| 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 August 4, 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 | 1.59 | 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 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
JULY 2010**

| Authorities to Construct | Month | Permits to Operate | Month |
|---------------------------------|--------------|---------------------------|--------------|
| Permits Requested | 6 | Permits Requested | 14 |
| Permits Issued | 3 | Permits Issued | 28 |
| Applications Under Review | 31 | Applications Under Review | 57 |
| Sources Holding Permits | 81 | Sources Holding Permits | 1436 |
| Average Turnaround Time | 2.3 Weeks | Average Turnaround Time | 11.8 Weeks |

**Authority to Construct Applications Received
JULY 2010**

| Permit | Facility | City | Project Description |
|---------------|-----------------------------------|--------------------|------------------------------------|
| 00036-250 | Pacific Custom Materials, Inc. | Frazier Park | Install Portable Screen |
| 00053-300 | Vintage Production California LLC | Santa Paula | New Produced Water Tanks |
| 01207-530 | Naval Base Ventura County | San Nicolas Island | New Diesel Engine - B-58 |
| 01383-160 | Naumann Drill Site | Oxnard | Install Tank & Increase Production |
| 07854-110 | Hill Canyon Wastewater Plant | Camarillo | Install New Cogeneration Engine |
| 08085-110 | 30 SW/Vandenberg Air Force Base | Point Mugu | Replace Emergency Engines |

**Authorities to Construct Issued
JULY 2010**

| Permit | Facility | City | Project Description |
|---------------|--------------------------|--------------|----------------------------|
| 01291-450 | Skyworks Solutions, Inc. | Newbury Park | New Lift-Off Tools |
| 07995-120 | DCOR, LLC | Piru | Extend AC-100 |
| 08007-120 | DCOR, LLC | Piru | Extend AC-100 |

**Permit to Operate Applications Received
JULY 2010**

| Permit | Facility | City | Project Description |
|---------------|------------------------------------|----------------|---------------------------------------|
| 00004-271 | Vintage Production California LLC | Santa Paula | Rule 74.16 - Ojai 113 |
| 00015-371 | Procter & Gamble Paper Products | Oxnard | Part 70 Administrative Amendment |
| 00041-1271 | Aera Energy LLC | Ventura | Rule 74.16 Exemption |
| 00326-T01 | Vintage Production California LLC | Piru | Transfer of Ownership - Vintage |
| 00473-211 | Maple Leaf Bakery | Oxnard | Bakery Oven Replacement Project |
| 00739-T02 | Vic's Auto Body and Paint | Santa Paula | Transfer of Ownership - VAB |
| 01338-231 | P.W. Gillibrand Co. | Simi Valley | Rule 35 FESOP Permit Request |
| 04087-111 | Joe's Discount Cleaners | Simi Valley | Replace Dry Clean Machine - Petroleum |
| 07131-121 | Crop Production Services | Oxnard | Equipment Replacement Project |
| 08013-111 | Former Shell Service Station (VES) | Oxnard | Allow VES Thermal Oxidizer Mode |
| 08058-101 | Former Gulton Statham Site (VES) | Oxnard | Soil Vapor Extraction System |
| 08064-101 | Granite Construction Company | Ventura County | Portable Crumb Rubber Plant |
| 08091-101 | Epona Farms | Thousand Oaks | Emergency Diesel Engine |
| 08092-101 | Montecito Bank & Trust | Ventura | Existing Emergency Diesel Engine |

**Permits to Operate Issued
JULY 2010**

| Permit | Facility | City | Project Description |
|---------------|-------------------------------------|----------------|--|
| 00004-261 | Vintage Production California LLC | Santa Paula | Out of Service Equipment |
| 00013-301 | Mandalay Generating Station | Oxnard | Administrative Amendment |
| 00036-241 | Pacific Custom Materials, Inc. | Frazier Park | Aggregate Equipment Modifications |
| 00041-1033 | Aera Energy LLC | Ventura | Operate Replacement Wells |
| 00041-1132 | Aera Energy LLC | Ventura | Taylor Well No. 441 |
| 00041-1161 | Aera Energy LLC | Ventura | Five New Oil Wells |
| 00041-1191 | Aera Energy LLC | Ventura | Four New Taylor Wells |
| 00041-1231 | Aera Energy LLC | Ventura | Increase Throughput - Filter Agent Silos |
| 00065-251 | Ormond Beach Gen. Station | Oxnard | Administrative Amendment |
| 00739-T02 | Vic's Auto Body and Paint | Santa Paula | Transfer of Ownership - VAB |
| 00752-121 | Tony's Body Shop | Oxnard | Increase Coating Consumption Limit |
| 00990-231 | Aera Energy LLC | Fillmore | Part 70 Administrative Amendment |
| 01210-241 | Pacific Recovery Corporation-Oxnard | Oxnard | Shutdown Facility - Request ERCs |
| 01300-171 | PAC Foundries | Port Hueneme | Equipment Modification and Replacement |
| 01338-221 | P.W. Gillibrand Co. | Simi Valley | Replace Power Screen Engine |
| 04043-111 | Alex The Tailor & Dry Cleaners | Thousand Oaks | Replace Drycleaning Machine - Petroleum |
| 04121-121 | Westside Plaza Cleaners | Oxnard | Replace Drycleaning Machine |
| 05667-161 | Moorpark Service Inc. | Moorpark | Operate ISD |
| 05704-121 | California Highway Patrol | Ventura | Replace Gasoline Tank |
| 06426-151 | Johnson Drive Carwash & Gas | Ventura | Increase Gasoline Throughput Limit |
| 07131-121 | Crop Production Services | Oxnard | Equipment Replacement Project |
| 07482-121 | Auto Sales of Ventura (VES) | Ventura | Additional Remediation Equipment |
| 08008-101 | Mission Rock Asphalt Facility | Santa Paula | Asphalt Concrete Plant |
| 08008-111 | Mission Rock Asphalt Facility | Santa Paula | Operate Gasoline Tank |
| 08008-121 | Mission Rock Asphalt Facility | Santa Paula | Crumb Rubber Equipment |
| 08008-131 | Mission Rock Asphalt Facility | Santa Paula | Concrete Recycle Equipment |
| 08081-101 | Anacapa Soda Blasting | Ventura County | Portable Coating Operations |
| 08091-101 | Epona Farms | Thousand Oaks | Emergency Diesel Engine |



Enforcement Update

| Enforcement Activities JULY 2010 | | | | | |
|---|--------------|--------------------|---------------------------------------|--------------|--------------------|
| Inspections | Month | Fiscal Year | Violations | Month | Fiscal Year |
| Permit/Other Inspections | 237 | 237 | Notices of Violation Issued | 11 | 11 |
| Complaints Received and Investigated | 14 | 14 | Cases Settled after Office Conference | 11 | 11 |
| Breakdowns Received and Investigated | 6 | 6 | | | |
| Asbestos Inspections | 4 | 4 | | | |
| New Business | 2 | 2 | Settlement/Fines | \$17,925 | \$17,925 |

| Sources Operating Under Variance JULY 2010 | | | | | |
|---|------------------------------------|----------------------------|-------------------|-----------------|---------------|
| No. | Facility/Location | Source | Rule | End Date | Status |
| 828 Regular | PTI Technologies Inc. | Leaking Catalytic Oxidizer | 29.C, 74.6, 74.13 | 7-09-2010 | In Compliance |
| 832 | Parker Process Advanced Filtration | Scrubber | 29.C, 74.3 | 12-1-2010 | On Schedule |

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

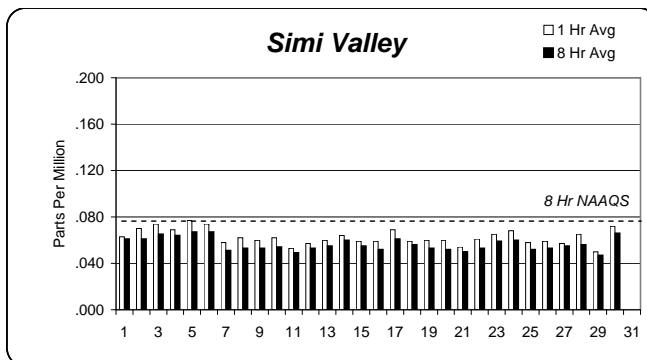
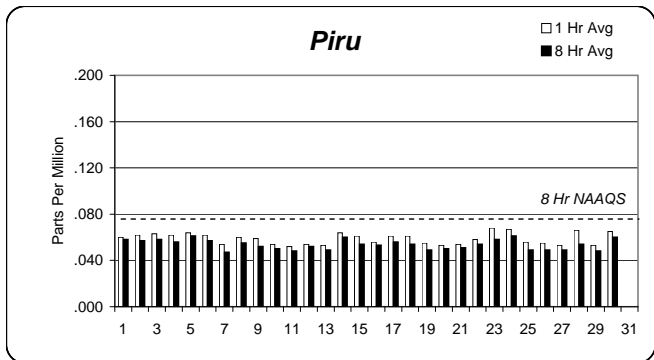
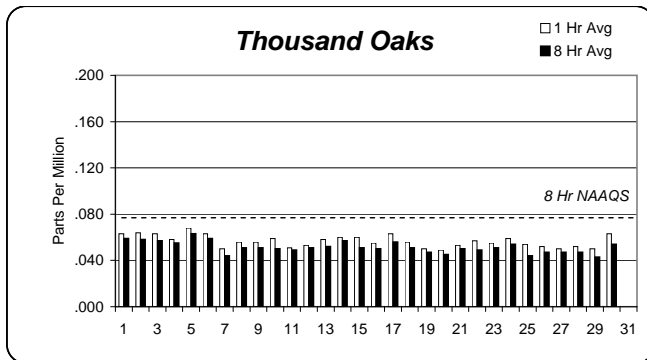
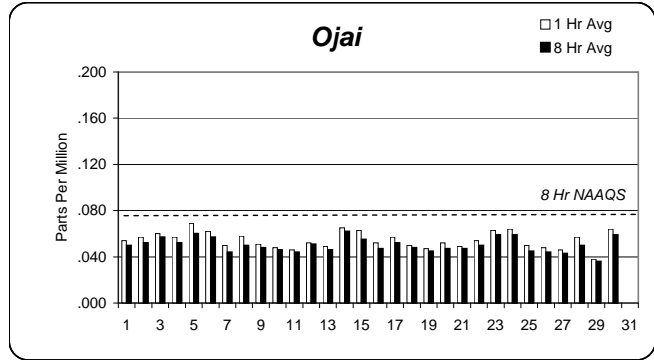
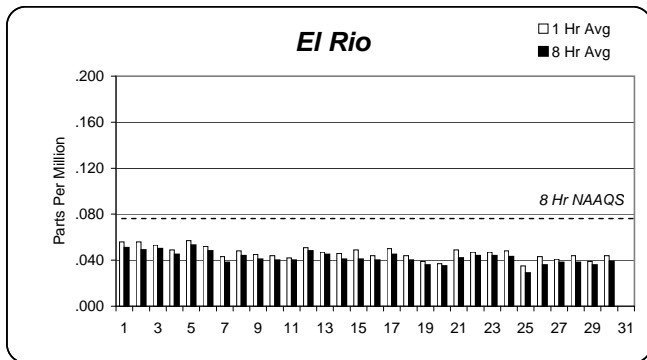
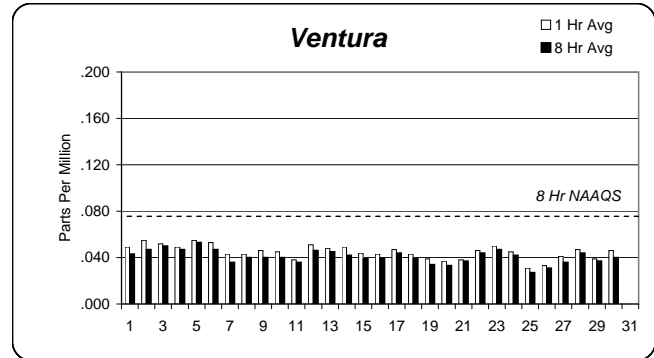
| NOV No | Facility Name | Phys City | Comment | NOV Date |
|---------------|-------------------------------|------------------|---|-----------------|
| 022182 | Promenade Cleaners | Simi Valley | Operating Unit Older Than 15 Years - Dry Cleaning Machine | 7/1/2010 |
| 022184 | Apro #10 | Simi Valley | CARB Title 17 Defect PHI/II - V. R. System Testing Failure | 7/6/2010 |
| 022367 | Crystal Cleaners | Ventura | Operating Unit Older Than 15 Years Old - Dry Cleaning Machine | 7/2/2010 |
| 022410 | Towne Cleaners | Moorpark | Operating Unit Older Than 15 Years - Dry Cleaning Machine | 7/6/2010 |
| 022507 | Oaks Cleaners | Thousand Oaks | Operating a unit older than 15 years old-Dry Cleaning Machine | 7/1/2010 |
| 022559 | Sands Production Service, Inc | Ventura County | Failure To Notify - Portable Equipment | 7/7/2010 |
| 022560 | Sky High Tree Service | Ventura County | Failure To Notify - Portable Equipment | 7/7/2010 |
| 022602 | Simi Valley Hospital | Simi Valley | Failure To Source Test - EtO Sterilizer | 7/1/2010 |
| 022603 | Procter & Gamble Paper Prods. | Oxnard | Exceeding NOx Emissions - Turbine | 7/13/2010 |
| 022652 | Cleaning & Laundry by Frank | Santa Paula | Operating Unit Older Than 15 Years Old - Dry Cleaning Machine | 7/1/2010 |
| 022653 | LBTH Incorporated | Ventura | Permit Condition Not Met - Exceeding Throughput | 7/26/2010 |



Ozone Report

JUNE 2010

There were no exceedances of the California 1 Hour standard, the Federal 8 Hour standard, or the California 8 Hour standard. The maximum 1 hour average was .077 at Simi Valley; the maximum 8 hour average was .067 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.