

# SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

**JUNE 2012**

## California's progress toward clean air

*New report gives Ventura County high marks for air quality*

**O**n April 17, the California Association of Air Pollution Control Officers' Association (CAPCOA) issued its second annual report on the state's air quality. The report, *California's Progress Toward Clean Air*, provides objective information for California residents and other interested persons regarding California's remarkable journey toward cleaner air and the challenges that remain.

CAPCOA is an association representing all 35 local air quality agencies throughout California. Ventura County air pollution control officer Mike Villegas has been active in the organization for years and realizes the importance of the report. According to Villegas, "I agree with CAPCOA's executive director Ken Koyama that this document not only provides a current, objective assessment of the state of the air throughout this most diverse state, but also illustrates the complexity of air quality issues we all face."

The report contains statistical information, trends and programs within

each air quality agency. California, the most populous state in the nation, includes regions with pristine air quality as well as regions with the most challenged air quality.



### Excerpts:

*California employs a comprehensive strategy aimed at reducing pollutants from a variety of sources. This multifaceted strategy targets mobile and stationary sources of pollution emitting myriad air contaminants and contains effective regulatory and incentive-based measures. Local air districts have authority to regulate businesses and industrial facilities, while the California Air Resources Board*

*regulates air pollution from cars, trucks, buses and other sources. California's regulatory program, one of the strongest in the nation, is also supplemented with significant public and private investments in voluntary incentive-based measures. Clearly, California's clean air strategies continue to serve as a model for the rest of the nation and throughout the world.*

### Air quality challenges

*Despite significant improvements, air quality remains a major source of public health concern in large metropolitan areas throughout California. The San Joaquin Valley and the South Coast Air Basin continue to face significant challenges in meeting the federal health-based standards for ozone and fine particles, despite their regional and state-level*

Continued on page 3

*Plugging in  
on the  
Central Coast  
Page 4*



# APCD Calendar

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## **AIR POLLUTION CONTROL BOARD**

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

Next meeting: June 12, 2012

## **APCD ADVISORY COMMITTEE**

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

Next meeting: July 24, 2012

## **CLEAN AIR FUND ADVISORY COMMITTEE**

Anacapa Conference Room  
669 County Square Drive,  
2<sup>nd</sup> Floor, Ventura

Next meeting: To Be  
Announced

## **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**

Santa Barbara APCD  
260 North San Antonio Road  
Santa Barbara

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

Next meeting: June 20, 2012

## **APCD RULE WORKSHOPS**

See Rule Update section.

## **Air Pollution Control Board**

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

## **Ventura County**

### **Air Pollution Control District**

669 County Square Drive, 2<sup>nd</sup> Floor  
Ventura, CA 93003

### **Air Pollution Control Officer**

Michael Villegas

### **Skylines**

Editor – Barbara L. Page  
Desktop Publishing – Kate Miller

### **Directory**

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

|                              |  |
|------------------------------|--|
| Agricultural burning,        |  |
| Smog forecast                | 654-2807   |
| Complaints (7 a.m. – 5 p.m., |  |
| Mon-Thurs)                   | 645-1445   |
| Complaints (recording)       | 654-2797   |
| Monitoring Division          | 645-1410   |
| Permit processing            | 645-1403   |
| Permit renewal               | 645-1404   |
| Public information           | 645-1415   |
| Email address                | <a href="mailto:info@vcapcd.org">info@vcapcd.org</a> |

controls on mobile and stationary sources that are the most stringent in the nation. In 2007, both regions sought extensions for meeting the 1997 8-hour federal ambient air quality standard for ozone. A comparable challenge faces each region with respect to attainment of the 1997 PM<sub>2.5</sub> standard. Due to continued progress in health research, the federal EPA lowered the ambient concentration for the 8-hour ozone and 24-hour PM<sub>2.5</sub> standards in 2008 and 2006, respectively. The net effect of these stricter standards is to raise the performance bar for California air basins. This will extend the timeframe for attainment in highly polluted regions as well as increase the number of air basins with non-attainment status. Challenges also exist for air districts across California who are in attainment with the federal standards, as they continue to strive for attainment of the State's health-based ozone and PM standards, which are more stringent than the standards adopted by the EPA.

Regarding health risks and their costs, recent state and national assessments have provided an empirical yardstick for measuring the costs of unhealthy air and the benefits of meeting the national air quality

standards. . . Multiple studies have demonstrated that the monetary benefits of achieving health-based air pollution standards are far greater than the cost of attaining these standards.

## California's clean air strategies continue to serve as a model for the rest of the nation and throughout the world

Ventura County APCD  
Ventura County is designated as nonattainment for the federal and state ozone air quality standards and the state particulate matter standards. Based on preliminary 2011 ozone data, California Air Resources Board staff has determined that the design value for the eight-hour standard would be 83 ppb. This would place Ventura County in attainment with the federal 1997 84ppb eight-hour ozone standard. Of course, the District will need to continue working to reduce emissions in efforts to attain the current federal 75ppb eight-hour ozone standard. However, attaining the federal 84ppb

ozone standard is a significant air quality improvement milestone for the County.

With respect to particulate matter, the California Air Resources Board is proposing to change Ventura County's designation for the State PM<sub>2.5</sub> standard from nonattainment to attainment. This improvement is a major step forward for public health, as fine particulate matter has significant adverse health effects.

The District's staff continues to implement the Carl Moyer grant program, which is a cost-effective program to reduce both ozone precursor and diesel particulate emissions. In 2011, the program provided grants to repower 88 farm tractors and repower one fishing vessel. These projects eliminated 43 tons per year of ozone precursors and 2 tons per year of toxic diesel particulate. The District has also replaced the 27 oldest school buses in the County and retrofitted 133 school buses in the existing fleet, under the Lower-Emission School Bus Program.

You can download a copy of the complete report at [capcoa.org](http://capcoa.org).

## AirLines

**Plugging in on the Central Coast.** In a joint news release issued on April 9, the Air Pollution Control Districts in **San Luis Obispo, Santa Barbara** and **Ventura Counties** announced that

they have secured \$250,000 in grant funding from the **U.S. Department of Energy** and the **California Energy Commission** to develop an Electric Vehicle Community Readiness Plan for the

Central Coast of California. One of the goals is to develop a plug-in electric vehicle (PEV) charging infrastructure along the Highway 101 corridor through the Central Coast.

The three air agencies, working with non-profit organizations – the **Central Coast Clean Cities Coalition** and the **Community Environmental Council** – have created an **EV Coordinating Council** to

support the emerging PEV market on the Central Coast. These local efforts are part of a larger statewide effort to expand EV infrastructure throughout the state of California. The Coordinating Council will be looking to

local representatives from the various jurisdictions to collect input and guidance throughout the process. For more information, visit [www.c-5.org](http://www.c-5.org).



## on climate change

*U.S. EPA publishes national greenhouse gas inventory*

On April 16, the U. S. Environmental Protection Agency (EPA) has released the 17<sup>th</sup> annual U.S. greenhouse gas inventory. The final report shows overall emissions in 2010 increased by 3.2 percent from the previous year. The trend is attributed to an increase in energy consumption across all economic sectors, due to increasing energy demand associated with an expanding economy, and increased demand for electricity for air conditioning due to warmer summer weather during 2010.

Total emissions of the six main greenhouse gases in 2010 were equivalent to 6,822 metric tons of carbon dioxide. These gases include carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons and sulfur hexafluoride. The report indicates that overall emissions have grown by over 10 percent from 1990 to 2010.

*The Inventory of U.S. Greenhouse Gas Emissions and Sinks 1990 – 2010* is the latest annual report that the United States has submitted to the Secretariat of the United Nations Framework Convention on Climate Change, which sets an overall framework for intergovernmental efforts to tackle the

challenge posed by climate change. EPA prepares the annual report in collaboration with experts from multiple federal agencies and after gathering comments from stakeholders across the country.



The inventory tracks annual greenhouse gas emissions at the national level and presents historical emissions from 1990 to 2010. The inventory also calculates carbon dioxide emissions that are removed from the atmosphere by “sinks,” e.g. through the uptake of carbon by forests, vegetation and soils.

More on the greenhouse gas inventory report at [epa.gov/climatechange/emissions/usinventoryreport](http://epa.gov/climatechange/emissions/usinventoryreport).



# Rule Development Update

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

## Public Workshop

**Permit Fees** (Rule 42 – Revised) On June 21, 2012, the District will hold a workshop on proposed revisions to Rule 42, Permit Fees. Staff is not proposing to increase permit fees in 2012. This rule revision is intended to clarify an existing policy regarding the invoicing of those fees that are based on the hourly service rate for an Air Quality Engineer. The following sentence is proposed to be added to each of the sections referencing the hourly service rate:

**“The hourly service rate shall be the rate in effect at the time the invoice is issued.”**

The workshop will take place at 2:00 p.m. in the Anacapa Conference Room at APCD District Office located at 669 County Square Drive, 2<sup>nd</sup> Floor, Ventura, CA 93003. The purpose of this meeting is to receive public input on this proposed rule revision. For additional information contact [Stan Cowen](#) at (805) 645-1408.

## Advisory Committee

**Solvent Cleaning Requirements** (Rules 74.13, 74.20, and 74.24 - Revised) On July 24, 2012 (tentative), the Advisory Committee will meet to consider proposed revisions to the solvent cleaning requirements in Rules 74.13 (Aerospace), 74.20 (Adhesives), and 74.24 (Marine Coatings). Staff is proposing to further reduce reactive organic compound (ROC) emissions from the solvent cleaning of coating or adhesive spray equipment and substrate surface preparation. This proposed rule action will implement an All Feasible Measures requirement pursuant to the California Clean Air Act (H&SC Section 40914). The proposed rule revisions and staff report are available on the District's website.

Please direct any comments, questions, or requests for additional information to **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

## Air Pollution Control Board

**Small Boilers and Large Water Heaters** (Rules 74.11.1 and 74.15.1 - Revised) On June 26, 2012, at 11:00 a.m., the Air Pollution Control Board will hold a public hearing to consider proposed revisions Rule 74.11.1 (Large Water Heaters and Small Boilers) and Rule 74.15.1 (Boilers, Steam

Generators and Process Heaters). Revisions to Rule 74.11.1 include lower 20 ppm NOx emission limits now in place in the South Coast AQMD. On January 1, 2013, the rule will apply to units with an input capacity of less than 1 million BTU/hr, down from 2 million BTU/hr.

A 20 ppm NOx limit for new units between 1 and 2 million BTU/hr input capacity will be added to Rule 74.15.1. All units in this size range will source test every 48 months, if required. Also, the rule will require all units to do an initial installation source test and an annual NOx and CO screening analysis.

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



### **Vacuum Producing Devices (Rule 67 – Repeal):**

On June 12, 2012, at 11:00 a.m., the Air Pollution Control Board will hold a public hearing to consider the proposed repeal of Rule 67, which limits reactive organic compound (ROC) emissions from "vacuum producing devices or systems including hot wells and accumulators." VCAPCD Rule 74.8, *Refinery Vacuum Producing Systems, Wastewater Separators And Process Turnarounds*, also regulates vacuum-producing devices. Hot wells and accumulators are not specifically mentioned in Rule 74.8, although it is clear that they would be part of the "vacuum producing system at a petroleum refinery" specified in the rule.

There is no longer a petroleum refinery in Ventura County. Also, Rule 67 has been superseded by Rule 74.8. Therefore, the District proposes to repeal Rule 67 because it is unnecessary and there are no sources to which it applies. For additional information, contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

**Project XL (Rule 37 – Repeal):** On June 12, 2012, at 11:00 a.m., the Air Pollution Control Board will hold a public hearing to consider the proposed repeal of Rule 37. The rule was adopted on September 14, 1999, to implement a "Final Project Agreement" for the EPA Project XL Program at Imation Camarillo.

Imation Camarillo ceased operation in 2008. The District and Title V permits for the facility were rendered inactive in 2009. Therefore, the District proposes to repeal Rule 37 because the single source to which it applies, Imation Camarillo, no longer exists. For additional information, contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

### **Recent Board Actions**

**2012 Rule Development Calendar:** On January 10, 2012, the Air Pollution Control Board adopted the 2012 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 2012 rule development calendar is available in the District's website. For additional information contact **Mike Villegas** at **805/645-1440** or [mike@vcapcd.org](mailto:mike@vcapcd.org).

**Prevention of Significant Deterioration (Rule 26.13 – New):** On June 28, 2011, the Air Pollution Control Board adopted new Rule 26.13. Prevention of Significant Deterioration (PSD) is a federal pre-construction permitting program for facilities located in areas that either comply with federal ambient air quality standards for particular pollutants or are unclassifiable for any criteria air pollutant. PSD applies to new major stationary sources and existing major stationary sources where a significant modification will occur. Prior to this rule action, the PSD permitting program in Ventura County was administered by the Environmental Protection Agency (EPA) Region IX. At this time, no facility in the county requires a PSD permit.

The recent addition of greenhouse gases (GHG) to the list of regulated pollutants makes these pollutants subject to federal permitting. To prevent an influx of applications to EPA, EPA is encouraging local air districts to take responsibility for processing any PSD permit applications within their jurisdiction. The most straightforward way for an air district to take PSD responsibility is to adopt a rule that incorporates the federal requirements by reference. A model rule was developed cooperatively by EPA staff, ARB staff, and the California Air Pollution Control Officers Association Engineering Managers Committee.

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

**Graphic Arts (Rule 74.19 - revised):** On June 14, 2011, the Air Pollution Control Board adopted revisions Rule 74.19, further reducing reactive organic compound (ROC) emissions from graphic arts operations. This rule action implements an All Feasible Measures requirement pursuant to the California Clean Air Act (H&SC Section 40914).

The revised rule is based on existing graphic arts regulations currently in effect in the South Coast AQMD, San Joaquin Valley APCD, Bay Area AQMD, and the Sacramento Metropolitan AQMD, and includes new ROC content limits for fountain solutions at lithographic operations and cleaning solvents at all graphic operations. Previous vapor pressure requirements were replaced with more

effective ROC content limits for solvent cleaners. Complying fountain solutions and solvent cleaners are currently available from several suppliers. The exemption for inkjet printing operations did not change.

The revised rule and staff report are available for download on the District's website. For additional information, contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

**EPA "Tailoring" Rule Revisions** (Rules 2, 23, 33, 33.1, 35, 76 – Revised): On April 12, 2011, the Air Pollution Control Board adopted a series of rule revisions relating to Environmental Protection Agency (EPA) efforts to "tailor" existing federal permitting rules for greenhouse gas emissions.

Previously, the District issued permits for "criteria" air pollutants and hazardous air pollutants. Criteria pollutants include oxides of nitrogen, reactive organic compounds, particulate matter, oxides of sulfur, and carbon monoxide. EPA has recently taken steps to add greenhouse gases (GHGs) to the list of regulated pollutants. Because the thresholds of significance for GHGs are substantially higher than those for criteria and hazardous pollutants, EPA is proposing to "tailor" their regulations to include GHGs. With this rule action, the Board made the necessary revisions to District permitting rules to implement EPA's tailoring requirements.

The following rules were revised:

1. Rule 2, Definitions
2. Rule 23, Exemptions from Permit
3. Rule 33, Part 70 Permits, General
4. Rule 33.1, Part 70 Permits, Definitions
5. Rule 35, Elective Emission Limits
6. Rule 76, Federally Enforceable Limits on Potential to Emit.

Revisions include GHG permitting thresholds, a two-step implementation process, and new definitions. Also, GHGs were added as regulated pollutants. Minor revisions unrelated to GHGs were also adopted.

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

## **Compliance Dates**

- ☒ **January 1, 2012**

**Graphic Arts** (Rule 74.19 – Revised): Revisions to the fountain solution ROC Content limits for lithographic operations became effective on January 1, 2012, in Rule 74.19. In addition, the vapor pressure limits were replaced on January 1, 2012, with new ROC content limits for all solvent cleaning graphic arts operations.

These amendments to Rule 74.19 were based on an All Feasible Measures requirement pursuant to the California Clean Air Act. For additional information, contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

- ☒ **January 1, 2011 and January 1, 2012**

**Architectural Coatings** (Rule 74.2 – Revised): Revisions to the coating ROC content limits in Rule 74.2 became effective on January 1, 2011, except for the following coating categories, which become effective on January 1, 2012:

- Flat Coatings
- Primers, Sealers and Undercoaters
- Rust Preventative Coatings
- Specialty Primers Sealers & Undercoaters

These amendments to Rule 74.2 were based on the latest Suggest Control Measure adopted by the Air Resources Board. Coatings manufactured prior to the effective date may be sold or applied for up to 3 years after the effective date. For additional information, contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

- ☒ **September 15, 2010**

**Paved Roads and Public Unpaved Roads** (Rule 55.1 – New): Rule 55.1 will apply to government agencies and/or persons operating construction or earthmoving equipment on public unpaved roads. New requirements are included for new or widening road construction, removal of visible roadway accumulation, and visible emissions caused by roadway construction activity. For additional information, contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

- ☒ **September 15, 2010**

**Street Sweeping Equipment** (Rule 55.2 – New): Rule 55.2 will apply to government agencies or contractors that own or operate street sweeping equipment. New requirements are included that mandate the use of PM-10 efficient street sweepers, and require that street sweepers be properly operated and maintained. For additional information, contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

☑ **July 1, 2010**

**Natural Gas-Fired Water Heaters** (Rule 74.11 – Revised): After July 1, 2010, new general use natural gas-fired water heaters with a capacity of less than 75,000 BTUs/hour are limited to 10 nanograms of NOx per joule (ng/j), or 15 ppmv. In addition, new natural gas mobile home water heaters are limited to 40 ng/j of NOx. Water heaters may not be sold, offered for sale, or installed in Ventura County unless they meet these limits. Manufacturers are required to submit compliance information. All limits apply to both residential and commercial applications. For additional information contact **Don Price** at **805/645-1407** or [don@vcapcd.org](mailto:don@vcapcd.org).

☑ **January 1, 2009 and January 1, 2010**

**Motor Vehicle and Mobile Equipment Coating Operations** (Rule 74.18 – Revised): Revisions to the coating ROC content limits in Rule 74.18 became effective on January 1, 2009, except for the following coating categories, which became effective on January 1, 2010:

- Adhesion Promoter
- Primer Sealer
- Single-Stage topcoat

Color coatings, as part of a basecoat/clearcoat system, which exceed the new 420 grams per liter limit and have been manufactured prior to January 1, 2009, may be sold and applied until July 1, 2009. The new low-ROC cleaning requirement at 25 grams per liter and a new limited-use surface preparation exemption became effective on January 1, 2010. For additional information, contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

☑ **March 1, 2008**

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

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

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





## Enforcement Update

| <b>Enforcement Activities<br/>MARCH 2012</b>  |              |                    |                                       |              |                    |
|---|--------------|--------------------|---------------------------------------|--------------|--------------------|
| <b>Inspections</b>                            | <b>Month</b> | <b>Fiscal Year</b> | <b>Violations</b>                     | <b>Month</b> | <b>Fiscal Year</b> |
| Asbestos Inspections                          | 3            | 49                 |                                       |              |                    |
| Breakdowns Received and Investigated          | 11           | 105                | Notices of Violation Issued           | 19           | 133                |
| Complaints Received and Investigated          | 11           | 165                | Cases Settled after Office Conference | 8            | 129                |
| Emergency Engine Verifications                | 19           | 341                |                                       |              |                    |
| New Business                                  | 1            | 21                 |                                       |              |                    |
| Total: Permit/Other Inspections/Verifications | 225          | 2,450              | Total: Settlement/Fines               | \$11,950     | \$169,075          |

| <b>Sources Operating Under Variance<br/>MARCH 2012</b> |   |                             |   |                 |               |
|--|---|-----------------------------|---|-----------------|---------------|
| <b>No./Type</b>  | <b>Facility/Location</b>                      | <b>Source</b>               | <b>Rule</b>   | <b>End Date</b> | <b>Status</b> |
| 840/<br>Regular  | GenOn West LP-Ormond Beach Generating Station | Steam Generator Unit 1      | 29.C, Conditions  | 9-30-2012       | On Schedule   |
| 843/<br>Regular  | Jean Larrivee Guitars USA Inc.                | Surface Preparation Solvent | 29.C, Conditions<br>74.30.B.5-Surface Preparation and Cleanup Solvent | 1-29-2013       | On Schedule   |
| 844/<br>Regular  | Venoco, Inc. Platform Gail                    | Delay source test           | 29.C, Conditions<br>74.23.B.1-Stationary Gas Turbines                 | 8-15-2012       | On Schedule   |

| <b>Sources Operating Under<br/>Stipulated Conditional Order of Abatement<br/>MARCH 2012</b> |   |                                      |                  |                 |               |
|---|---|--------------------------------------|------------------|-----------------|---------------|
| <b>No.</b>  | <b>Facility/Location</b>                                  | <b>Source</b>                        | <b>Rule</b>      | <b>End Date</b> | <b>Status</b> |
| 842   | Ventura Regional Sanitation District-Toland Road Landfill | Landfill - Biosolids Drying Facility | 29.C, Conditions | 10-31-2012      | On Schedule   |

| NOV No | Facility Name                   | Phys City        | Comment   | NOV Date  |
|--------|---------------------------------|------------------|---|-----------|
| 022199 | Milgard Manufacturing Inc.      | Simi Valley      | Permit Condition Not Met - Exceeded Solvent Usage           | 4/4/2012  |
| 022200 | West Coast Indust. Coating Inc. | Ventura County   | Permit Condition Not Met - Exceeding Usage Limit            | 4/16/2012 |
| 022499 | Port Hueneme Police Department  | Port Hueneme     | Permit Condition Not Met - Diesel Engine                    | 4/26/2012 |
| 022520 | Simi Cleaners                   | Simi Valley      | Inadequate Maintenance - Drycleaning Unit                   | 4/6/2012  |
| 022521 | Nordstrom - The Oaks            | Thousand Oaks    | Permit Condition Not Met - Emergency Engine                 | 4/10/2012 |
| 022522 | Conejo Valley Surgery Center    | Newbury Park     | Permit Condition Not Met - Emergency Engine                 | 4/11/2012 |
| 022523 | The Bonaventure                 | Ventura          | Permit Condition Not Met - Emergency Engine                 | 4/12/2012 |
| 022524 | Westlake Surgical Center        | Westlake Village | Permit Condition Not Met - Testing Hours                    | 4/19/2012 |
| 022525 | Mann Theatres                   | Thousand Oaks    | Operating Without A Permit - Emergency Generator            | 4/25/2012 |
| 022526 | Fry's Electronics #44           | Oxnard           | Permit Condition Not Met - Exceeding Engine Operation Hours | 4/27/2012 |
| 022726 | R & J Auto Body                 | Oxnard           | Operating Without A Permit - Autobody Shop                  | 4/5/2012  |
| 022727 | Vaquero Energy, Inc.            | Fillmore         | Exceeding Leak Rate Threshold - Oilfield Components         | 4/9/2012  |
| 022729 | Toland Road Landfill            | Santa Paula      | Permit Condition Not Met - Leaking Leachate                 | 4/5/2012  |
| 022730 | Toland Road Landfill            | Santa Paula      | Installing & Operating Without A Permit - Diesel Engine     | 4/5/2012  |
| 022731 | Ojai Oil Company                | Santa Paula      | Improper Vapor Recovery System - Vapor Recovery System      | 4/23/2012 |
| 022734 | Joro Inc.                       | Fillmore         | Improper Storage of Crude Oil - Well Cellar                 | 4/30/2012 |
| 022778 | Tom Patison                     | Ventura          | Installing Without A Permit - Spray Booth                   | 4/2/2012  |
| 022779 | City of Ventura                 | Ventura          | Permit Condition Not Met - Emergency Engine                 | 4/12/2012 |
| 022780 | Coast Cities Cremations         | Ventura          | Permit Condition Not Met - Crematory Retort                 | 4/13/2012 |



# Engineering Update

| <b>ERC Balances by Company (Units – Tons per Year)</b><br><b>As of May 14, 2012</b> |        |       |                  |      |            |
|---|--------|-------|------------------|------|------------|
| Company Name  | ROC    | NOx   | PM <sub>10</sub> | SOx  | Limitation |
| ABA Energy Corporation  | 3.83   | 0.00  | 0.00             | 0.00 | Yes        |
| Aer Glan Energy   | 0.93   | 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 Construction, Inc.   | 0.70   | 0.00  | 0.00             | 0.00 | Yes        |
| Chevron Environmental Management  | 1.13   | 0.00  | 0.00             | 0.00 | Yes        |
| ChevronTexaco   | 0.44   | 1.67  | 0.09             | 0.03 | No         |
| ChevronTexaco   | 118.58 | 0.28  | 0.17             | 0.34 | Yes        |
| Compositair   | 0.00   | 0.06  | 0.00             | 0.00 | No         |
| Costco Wholesale Corporation  | 12.73  | 0.00  | 0.00             | 0.00 | Yes        |
| Dos Cuadras Offshore Resources  | 2.09   | 0.19  | 0.00             | 0.00 | No         |
| Dos Cuadras Offshore Resources  | 0.49   | 1.32  | 1.13             | 0.10 | Yes        |
| Element Markets LLC   | 0.00   | 0.26  | 0.36             | 0.00 | Yes        |
| Equilon California Pipeline Co. LLC   | 6.93   | 0.00  | 0.00             | 0.00 | No         |
| GenOn West, LP  | 0.27   | 0.47  | 0.76             | 0.01 | Yes        |
| Gilroy Foods, Inc.  | 0.00   | 0.09  | 0.01             | 0.00 | Yes        |
| Haas Automation   | 0.00   | 0.06  | 0.00             | 0.00 | Yes        |
| Hanson Aggregates   | 0.00   | 0.00  | 0.69             | 0.00 | Yes        |
| Hunter Resources Development  | 0.09   | 0.01  | 0.01             | 0.00 | No         |
| KTI Engineers & Constructors  | 0.00   | 0.00  | 1.50             | 0.00 | Yes        |
| Mirada Petroleum, Inc.  | 0.05   | 0.00  | 0.00             | 0.00 | Yes        |
| Naval Base Ventura County   | 2.76   | 0.11  | 3.90             | 0.04 | No         |
| Naval Base Ventura County   | 0.09   | 4.74  | 0.45             | 0.54 | Yes        |
| Nestle Food Company   | 0.11   | 1.54  | 0.12             | 0.02 | Yes        |
| Northrop Grumman Corporation  | 0.00   | 0.01  | 0.01             | 0.01 | Yes        |
| Occidental Chemical Corporation   | 0.07   | 3.79  | 1.33             | 0.02 | Yes        |
| Oxnard Lemon Company  | 0.00   | 0.10  | 0.00             | 0.00 | Yes        |
| P.W. Gillibrand Company Inc.  | 0.00   | 1.11  | 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         |
| Reichhold Chemicals, Inc.   | 0.00   | 0.10  | 0.00             | 0.00 | No         |
| Royal Coatings  | 0.06   | 0.00  | 0.00             | 0.00 | No         |
| Santa Fe Energy Operating Partners  | 0.01   | 0.00  | 0.00             | 0.00 | Yes        |
| Santa Fe Minerals, Inc.   | 0.55   | 0.00  | 0.00             | 0.00 | Yes        |

| <b>ERC Balances by Company (Units – Tons per Year)<br/>As of May 14, 2012</b> |       |        |                  |      |            |
|---|-------|--------|------------------|------|------------|
| Company Name  | ROC   | NOx    | PM <sub>10</sub> | SOx  | Limitation |
| Seneca Resources Corporation  | 2.57  | 0.02   | 0.00             | 0.00 | No         |
| Seneca Resources Corporation  | 0.35  | 0.14   | 0.00             | 0.00 | Yes        |
| Shell California Pipeline Co.   | 5.04  | 0.00   | 0.00             | 0.00 | Yes        |
| Skyworks Solutions, Inc.  | 2.77  | 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.  | 34.84 | 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         |
| 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  | 1.80  | 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.  | 11.63 | 6.13   | 0.79             | 0.14 | Yes        |
| Ventura County APCD Board   | 55.00 | 0.00   | 0.00             | 0.00 | No         |
| Vintage Production California LLC   | 52.47 | 4.65   | 0.32             | 0.02 | No         |
| Vintage Production California LLC   | 1.56  | 83.66  | 1.47             | 0.14 | Yes        |
| Waste Management of California  | 0.00  | 16.08  | 0.00             | 0.00 | No         |

Each balance above represents one or more ERC Certificates. If there is a “Limitation” on a balance, no reactive organic compound or nitrogen oxide emission reduction credits in that balance may be used for emission offsets at a stationary source that has permitted emissions greater than 25 tons per year of that pollutant. (See Rule 26.4.D.3 for details).

A more detailed report is available on the forms page (under Downloads-Permits-ERC Report-Emission Reduction Credits) on the District website ([www.vcapcd.org](http://www.vcapcd.org)). If you have any questions, please contact Kerby E. Zozula, Engineering Division Manager, at 805/645-1421.



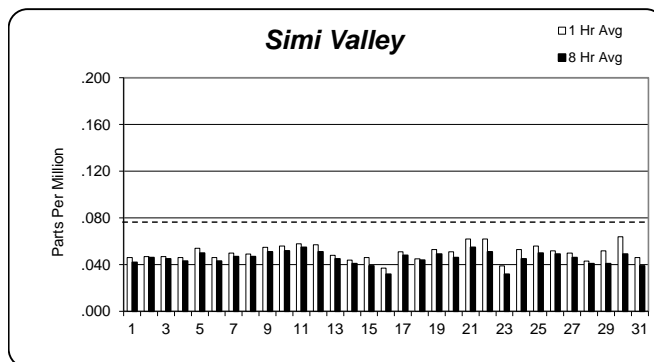
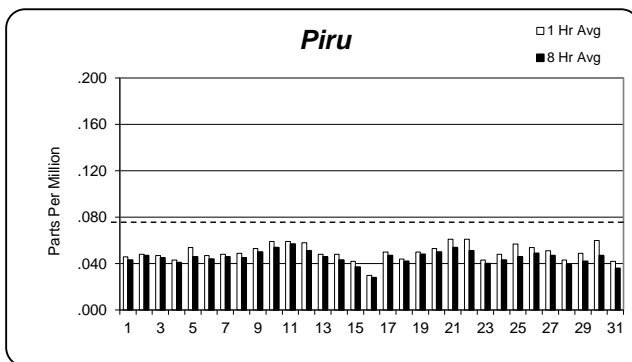
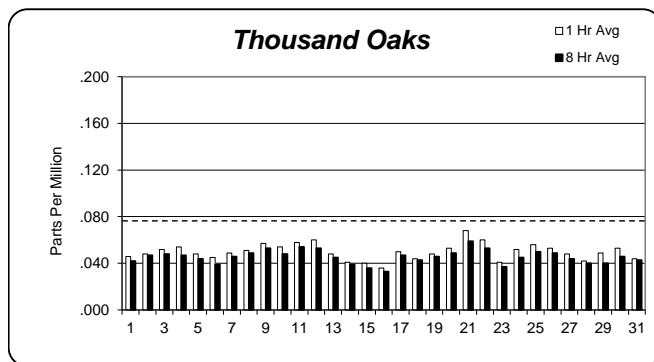
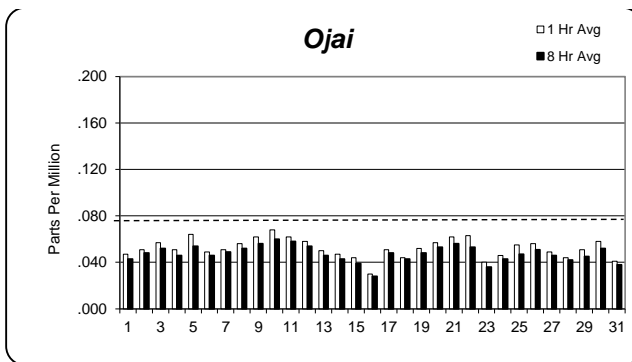
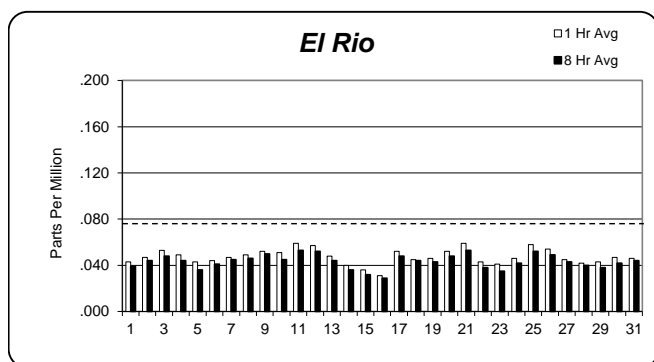
# Ozone Report

MARCH 2012

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 .068 ppm at Thousand Oaks and Ojai; the maximum 8-hour average was .060 ppm at Ojai.

## OZONE DATA THROUGH 5/17/2012

| Monitoring Station          | Exceedance Days |      |          | Maximum Concentration   |       |
|-----------------------------|-----------------|------|----------|-------------------------|-------|
|                             | State           |      | National | Parts Per Million (ppm) |       |
|                             | 1-hr            | 8-hr | 8-hr     | 1-hr                    | 8-hr  |
| El Rio-Rio Mesa School #2   | 0               | 0    | 0        | 0.072                   | 0.061 |
| Ojai-Ojai Avenue            | 0               | 2    | 0        | 0.076                   | 0.074 |
| Piru-3301 Pacific Avenue    | 0               | 1    | 0        | 0.077                   | 0.072 |
| Simi Valley-Cochran Street  | 0               | 1    | 0        | 0.079                   | 0.074 |
| Thousand Oaks-Moorpark Road | 0               | 0    | 0        | 0.073                   | 0.069 |



## 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.