

SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

April 2013

Higher 'asthma burden' among minorities, low-income groups tied to increased exposure to air pollution

UCLA study funded by California Air Resources Board

Sacramento - A new study finds that low-income populations and racial and ethnic minorities (Latino, African-American and Asian/Pacific Islander/other) were exposed to greater levels of certain air pollutants and, in turn, suffered increases in asthma-related difficulties, from asthma attacks and daily medication use to work absences and emergency room visits.

The new study was led by Dr. Ying-Ying Meng, co-director of the Chronic Disease Program at the UCLA Center for Health Policy Research, and funded by the Air Resources Board.

Previous research has shown that children, the elderly, racial and ethnic minorities and low-income Californians suffer disproportionately from asthma burdens, such as asthma attacks and asthma-like symptoms. This latest study sought to determine whether the asthma burden disparity is

due to exposure to higher levels of air pollutants, greater vulnerability, or both. Vulnerability refers to external factors, such as socioeconomic status, residential location, and occupational exposure, which influence the risk of adverse health effects related to exposure to air pollution.

The investigators found that certain populations had higher exposures to nitrogen dioxide or particulate matter, though they were not exposed to greater levels of ozone pollution. They also found that lower-income children (living below 200 percent of the Federal Poverty Level), including Latino and American Indian/Alaska Native children, and African-American and Asian/Pacific Islander adults and children, are more vulnerable to the effects of air pollution exposures compared to high income (living at or above 700 percent of the Federal Poverty Level) white children and adults of the same ages.

Among lower-income asthmatic children, the odds of visiting an emergency room more than doubled for every increase in nitrogen dioxide by 10 parts per billion. Similar two-fold increases were observed relating to the odds of African American adults experiencing daily or weekly asthma symptoms and the odds of Asian/Pacific Islander adults missing two or more days of work per week.

Investigators also observed:

- Asthma or asthma-symptom sufferers who lived within 750 feet of roadways with high traffic density had increases in asthma-related trips to the emergency room.
- Positive associations between asthma outcomes and the number of days for which air quality exceeded state or federal standards for ozone and particulate matter.

(continued on page 3)

APCD Calendar

AIR POLLUTION CONTROL BOARD

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

Next meeting: April 9, 2013

APCD ADVISORY COMMITTEE

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

Next meeting: To Be
Announced

CLEAN AIR FUND ADVISORY COMMITTEE

Anacapa Conference Room
669 County Square Drive,
2nd 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: To Be
Announced

APCD RULE WORKSHOPS

See Rule Update section.

Air Pollution Control Board

Carmen Ramirez, Oxnard, Chair
Linda Parks, District 2, Vice Chair
Brian Brennan, Ventura
Steve Bennett, District 1
Kathy Long, District 3
Peter Foy, District 4
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Ventura County

Air Pollution Control District

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Air Pollution Control Officer

Michael Villegas

Skylines

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Directory

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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 645-1401
Permit renewal 645-1404
Public information 645-1415
Email address: info@vcapcd.org

- Compared to white children, American Indian/Alaska Native and Asian/Pacific Islander/other children had a greater increase in the odds of experiencing daily or weekly asthma symptoms for the same increase in nitrogen dioxide. Latino children had a greater increase in the odds of using daily asthma medication for the same increase in PM10, and African-American and Asian/Pacific Islander/other children had greater increases in the odds of daily or weekly symptoms than white children for a

comparable increase in PM10.

In all, about 3.5 million adults and 900,000 children in California have been diagnosed with asthma. Millions more suffer from asthma-like breathing problems.

The UCLA study matched health impact data from the California Health Interview Survey to existing air pollutant and traffic data. Annual pollutant averages for particulate matter, ozone and nitrogen dioxide were calculated for 54,000

Californians' home addresses using data from nearby air monitoring stations.

Some practical ways to reduce exposure to particulate matter pollution can be found at:

<http://www.arb.ca.gov/research/indoor/pmfactsheet.pdf>

More information on the study can be found at:

http://www.arb.ca.gov/research/single-project.php?row_id=64812

AirLines



Board highlights. At its March 2013 meeting, the APCD Board approved the following items:

- Appointment of **Santa Paula City Council Member Martin Hernandez** to the APCD Advisory Committee.
- Authorized the Board Chair to sign a support letter for both **SB 11 and AB 8**. These two bills would reauthorize the Carl Moyer Program and the AB 118 Alternative and Renewable Fuel and Vehicle

Technology Program until January 1, 2024. The emission reductions achieved by these programs will accelerate progress towards attaining both state and federal air quality standards and protect public health.

- Further, these emission reductions will help prevent sanctions from being applied in Ventura County, pursuant to the federal Clean Air Act. For more information contact **Mike Villegas** at mike@vcapcd.org.
- Approval of a **Clean Air Fund** project to assist the City of Thousand Oaks with \$25,500 in funding for electric vehicle charging infrastructure. This project will place a Level 3 charger at the Thousand Oaks Transportation Center. The Level 3 charger will be able to provide an electric vehicle with an 80 percent charge in 30 minutes. For more information contact **Stan Cowen** at stan@vcapcd.org.
- Approved the deletion of one Supervising Air Quality Chemist position and one Supervising Air Quality Specialist position. This change will not impact District operations and will reduce District costs.
- Received and filed the District's Unaudited Financial Status Report for the first half of fiscal year 2012-2013. For more information contact **Nancy Mendoza** at nancy@vcapcd.org

Rule Development Update

Visit www.vcapcd.org/rules_division.htm

Public Consultation Meeting

Metalworking Fluids and Direct Contact Lubricants (New Rule 74.31) On Monday, April 29, 2013, staff will hold a public consultation meeting on proposed new Rule 74.31. Staff is proposing to reduce reactive organic compound (ROC) emissions from the use of metalworking fluids. This rule development is based on SCAQMD Rule 1144.

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 summary and meeting notice 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.

Public Hearing

Permit Fees (Revised Rule 42) On Tuesday, April 9, 2013, the Ventura County Air Pollution Control Board will consider adoption of proposed revisions to Rule 42, Permit Fees. Staff is proposing to increase permit renewal fees by 3.0 percent, effective July 1, 2013.

The proposed rule revisions and a staff report are available on the District's website at http://www.vcapcd.org/rules_division.htm#42. Please direct any comments, questions, or requests for additional information to **Chris Frank** at **805/645-1409** or chrisf@vcapcd.org.

Recent Board Actions

Permit Fees (Rule 42 – Revised) On September 11, 2012, the Air Pollution Control Board adopted revisions to Rule 42, Permit Fees. This rule action did not increase permit fees. 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 was 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 permit application is deemed complete.”

In addition, a second proposed change to Rule 42 concerns non-payment of permit processing fees. An additional consequence of non-payment was added as follows:

“No further permit applications will be accepted from the applicant until such time as overdue permit processing fees have been fully paid.”

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

Solvent Cleaning Requirements (Rules 74.13, 74.20, and 74.24 - Revised) On September 11, 2012, the Air Pollution Control Board adopted revisions to the solvent cleaning requirements in Rules 74.13 (Aerospace), 74.20 (Adhesives), and 74.24 (Marine Coatings). The revisions 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 implements an All Feasible Measures requirement pursuant to the California Clean Air Act (H&SC Section 40914).

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

Small Boilers and Large Water Heaters (Rules 74.11.1 and 74.15.1 - Revised) On September 11, 2012, the Air Pollution Control Board adopted revisions to 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 from greater than 75,000 BTU/hr to 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 was 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.

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

Vacuum Producing Devices (Rule 67 – Repeal): On June 12, 2012, the Air Pollution Control Board repealed 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 **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

Project XL (Rule 37 – Repeal): On June 12, 2012, at 11:00 a.m., the Air Pollution Control Board repealed 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 Stan Cowen at **805/645-1408** or stan@vcapcd.org.

Compliance Dates

January 1, 2013 and January 1, 2014

Large Water Heaters and Small Boilers (Rule 74.11.1 – Revised): Effective January 1, 2013, units for sale from over 400,000 BTUs/hr up to 1 million BTUs/hr must meet a NOx limit of 20 ppm. Effective January 1, 2014, all units for sale from 75,000 BTUs/hr to 400,000 BTUs/hr (except pool heaters) shall meet a NOx limit of 20 ppm. Pool heater are still required to meet the existing NOx limit of

55 ppm. This rule only applies to natural gas-fired units.

These new NOx limits are based on existing requirement in the South Coast AQMD. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

January 1, 2013

Boilers, Steam Generators, and Process Heaters (Rule 74.15.1 – Revised): Effective January 1, 2013, all new units (1 to 2 million BTUs/hr) must meet a NOx limit of 20 ppm. New units shall be certified by the South Coast AQMD requirements outlined in Rule 1146.2. Source testing must be performed at initial installation and every 4 years thereafter for this boiler size range. Annual screening for NOx and CO emissions will also be required except when a source test of the unit is performed.

Requirement for screening notifications, test methods, and reports are described in a Compliance Assistance Advisory on the district's website. For additional information, contact Lyle **Olson** at **805/645-1413** or lyle@vcapcd.org.

December 1, 2012

Aerospace Assembly and Component Manufacturing Operations (Rule 74.13 – Revised): Effective December 1, 2012, the ROC composite vapor pressure limit for coating application equipment cleaners was lowered from 45 mm Hg to 5 mm Hg at 20°C. There continues to be a requirement for operators to use an enclosed spray gun cleaner or low emission spray gun cleaner. Also, this rule still does not apply to aerospace cleaning performed inside a degreaser.

These amendments to Rule 74.13 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.

December 1, 2012

Adhesives and Sealants (Rule 74.20 – Revised): Effective December 1, 2012, the ROC content limit is 25 grams per liter for substrate surface preparation (except for inkjet printer head assembly), solvent cleaning, and spray

equipment cleaning used in adhesive operations.

These amendments to Rule 74.20 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.

December 1, 2012

Marine Coatings (Rule 74.24 – Revised): Effective December 1, 2012, the ROC content limit is 25 grams per liter for substrate surface preparation, solvent cleaning, and spray equipment cleaning used in marine coating operations.

These amendments to Rule 74.24 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.

September 11, 2012

Boilers, Steam Generators, and Process Heaters (Rule 74.15.1 – Revised): Effective September 11, 2012, all units (1 to 5 million BTUs/hr) with an annual heat input greater than 1.8 billion BTUs must be screened annually for NOx and CO emissions. Source testing will still be required every two (2) years for boilers between 2 and 5 million BTUs/hr, and screenings will not be required when a source test is performed.

Requirement for screening notifications, test methods, and reports are described in a Compliance Assistance Advisory on the district's website. For additional information, contact Lyle **Olson** at **805/645-1413** or lyle@vcapcd.org.

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 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.

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 became 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 Suggested 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.

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 Stan Cowen at **805/645-1408** or stan@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.

Enforcement Update

Enforcement Activities FEBRUARY 2013					
Inspections	Month	Fiscal Year	Violations	Month	Fiscal Year
Asbestos Inspections	2	31			
Breakdowns Received and Investigated	9	59	Notices of Violation Issued	17	101
Complaints Received and Investigated	7	129	Cases Settled after Office Conference	20	108
Emergency Engine Verifications	305	305			
New Business	13	31			
Total: Permit/Other Inspections/Verifications	548	1760	Total: Settlement/Fines	\$12,700	\$248,975

Sources Operating Under Variance FEBRUARY 2013					
No./Type	Facility/Location	Source	Rule	End Date	Status

Sources Operating Under Stipulated Conditional Order of Abatement FEBRUARY 2013					
No.	Facility/Location	Source	Rule	End Date	Status

NOV No	Facility Name	Phys City	Comment	NOV Date
022547	Sysco Ventura, Inc.	Oxnard	Permit Condition Not Met - Emergency Engine	2/13/2013
022548	Westlake Surgical Center	Westlake Village	Permit Condition Not Met - Emergency Engine	2/14/2013
022550	Cornejo's Produce	Fillmore	Permit Condition Not Met - Emergency Engine	2/21/2013
022576	PAC Foundries	Port Hueneme	Failure To Meet Boiler Emissions - Boiler #1	2/26/2013
022650	Aera Energy LLC	Ventura	Improper Vapor Recovery System - Vapor Recovery System	2/19/2013
022788	General Magnaplate California	Ventura	Permit Condition Not Met - Metal Parts Coatings	2/13/2013
022812	Shell #68580	Oxnard	CARB Title 17 Defect-PHII - V.R. System Testing Failure	2/5/2013
022813	ETS Express, Inc.	Oxnard		2/12/2013
022870	Seneca Resources Corporation	Fillmore	Improper Vapor Recovery System - Vapor Recovery System	2/28/2013
022871	Seneca Resources Corporation	Fillmore	Open Hatch On Tank - Tank Hatch	2/28/2013
022906	USA Gasoline #63216	Simi Valley	Operating Without A Permit - Gas Dispensing Facility	2/7/2013
022907	USA Gasoline #63211	Thousand Oaks	Operating With A Permit - Gasoline Dispensing Facility	2/7/2013
022959	USA Gasoline #68183	Oxnard	Non-CARB Title 17 Defect - V.R. System Testing Failure	2/15/2013
022961	Shell #68579	Oxnard	Non-CARB Title 17 Defect - V.R. System Testing Failure	2/15/2013
023060	CSU - Channel Islands	Camarillo	Operating Without A Permit - Gas Dispensing Facility	2/13/2013
023102	ETS Express, Inc.	Oxnard	Exceeding VOC Limits - Non Compliant Solvents	2/21/2013
023151	Emeritus Senior Living	Camarillo	Permit Condition Not Met - Emergency Engine	2/26/2013

Engineering Update

ERC Balances by Company (Units – Tons per Year) As of March 11, 2013					
Company Name	ROC	NO _x	PM ₁₀	SO _x	Limitation
ABA Energy Corporation	4.11	0.00	0.00	0.00	Yes
Aer Glan Energy	0.87	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.	2.83	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

ERC Balances by Company (Units – Tons per Year) As of March 11, 2013					
Company Name	ROC	NO _x	PM ₁₀	SO _x	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.	0.01	0.00	0.00	0.00	Yes
Solar World Industries America	0.51	0.00	0.00	0.00	No
Solar World Industries America	1.65	0.00	0.00	0.00	Yes
Southern California Edison Co.	0.00	52.68	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	0.45	0.01	0.00	0.00	No
The Boeing Company	0.25	2.81	0.61	0.57	Yes
The Termo Company	0.05	0.00	0.00	0.00	Yes
Unocal	4.45	0.00	0.00	0.00	Yes
Vaca Energy, LLC	2.48	0.00	0.00	0.00	No
Vaca Energy, LLC	3.46	0.51	0.03	0.01	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.	9.49	6.13	0.79	0.14	Yes
Ventura County APCD Board	55.00	0.00	0.00	0.00	No
Vintage Production California LLC	81.29	56.19	0.27	0.02	No
Vintage Production California LLC	1.56	83.66	1.47	0.14	Yes
Waste Management of California	0.00	16.09	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, Engineering Division Manager, at 805/645-1421.

**Permit Activities
February 2013**

Authorities to Construct	Month	Permits to Operate	Month
Permits Requested	3	Permits Requested	20
Permits Issued	3	Permits Issued	19
Applications Under Review	22	Applications Under Review	80
Sources Holding Permits	89	Sources Holding Permits	1395
Average Turnaround Time	6.0 weeks	Average Turnaround Time	7.5 weeks

**Authority to Construct Applications Received
February 2013**

Permit	Facility	City	Project Description
00008-830	Vintage Production California	Ventura	Install Gas Processing Plant
00990-310	Seneca Resources Corporation	Fillmore	Drill Six (6) Replacement Wells
08177-100	Beacon Coffee Company, Inc.	Ventura	Install New Coffee Roaster

**Authorities to Construct Issued
February 2013**

Permit	Facility	City	Project Description
00041-1450	Aera Energy LLC	Ventura	Three (3) Replacement Wells
08171-100	Mersen - Oxnard	Oxnard	Pressure Vessel Manufacturing Facility
087173-100	Silvas Oil Company, Inc.	Oxnard	New Gasoline Bulk Plant

**Permit to Operate Applications Received
February 2013**

Permit	Facility	City	Project Description
00004-381	Vintage Production California	Santa Paula	Tank Replacement Project
00008-841	Vintage Production California	Ventura	Rescind Title V Permit – Rule 35
00041-1311	Aera Energy LLC	Ventura	PWT Tank Replacement
00053-451	Vintage Production California	Santa Paula	Operate Well- Ptansky No. 3
01305-121	Ventura Rental Center	Ventura	Relocate Concrete Batch Plant
01311-191	Technicolor Home Entertainment	Camarillo	Operate Existing Emergency Engine
04109-121	Thrifty Cleaners	Camarillo	Replace Dry Cleaning Machine
05238-121	CSU – Channel Islands	Camarillo	Operate Phase I EVR
05430-141	USA Gasoline #63208	Oxnard	Replace Dispensers and EVR
05434-141	USA Gasoline #63217	Simi Valley	Replace Dispensers and EVR
05435-151	USA Gasoline #63211	Thousand Oaks	Replace Gasoline Dispensers
05441-161	USA Gasoline #63216	Simi Valley	Replace Gasoline Dispensers
05443-141	USA Gasoline #63215	Simi Valley	Replace Dispensers and EVR
05667-171	Moorpark Service Inc.	Moorpark	Increase Gasoline Throughput
07557-T01	Coastal View Healthcare Center	Ventura	Transfer of Ownership – CVHC
07915-231	Vaca Energy, Hunsucker Lease	Oxnard	Install New Produced Water Tank
08012-111	Deckers Outdoor	Camarillo	Engine Transfer – Permit Split
08032-101	Fire Station #43	Simi Valley	Emergency Diesel Engine
08062-121	HBH Ranch Oil Development	Oxnard	Rule 74.16 Exemption
08163-101	Tree Top Company	Oxnard	New Steam Boiler

**Permits to Operate Issued
February 2013**

Permit	Facility	City	Project Description
00042-141	Vintage Production California	Santa Paula	Existing Oilfield Flare
00058-295	Vintage Production California	Piru	Operate Torrey No. 117
00058-341	Vintage Production California	Piru	Re-Activate Torrey No. 97
00990-301	Seneca Resources Corporation	Fillmore	Rule 74.16 Exemption – Six Sespe Wells
01291-531	Skyworks Solutions, Inc.	Newbury Park	Operate new RIE Tool
01494-481	Platform Gail	Offshore Ventura	Operate Two New Wells
01494-501	Platform Gail	Offshore Ventura	Part 70 Reissuance 2012
05430-141	USA Gasoline #63208	Oxnard	Replace Dispensers and EVR
05434-141	USA Gasoline # 63217	Simi Valley	Replace Dispensers and EVR
05435-151	USA Gasoline #63211	Thousand Oaks	Replace Gasoline Dispensers
05441-161	USA Gasoline # 63216	Simi Valley	Replace Gasoline Dispensers
05443-141	USA Gasoline #63215	Simi Valley	Replace Dispensers and EVR
07113-191	Toyo Inc America, LLC	Moorpark	Equipment Modifications
08011-T01	Mission Oaks Technology Center	Camarillo	Transfer of Ownership – LBA
08052-111	Delta Microwave	Oxnard	Isopropyl Alcohol Usage
08117-111	Ojai Valley Organics, LLC	Ojai	Existing Wood Chipper Engine
08157-111	Leymaster Environmental	Simi Valley	Modify Monitoring Condition – VES
08168-101	BRB/Sherline, Inc.	Ventura County	Portable Tank Degassing Engine
08172-101	Clean Harbors Industrial Services	Ventura County	Portable Tank Degassing System

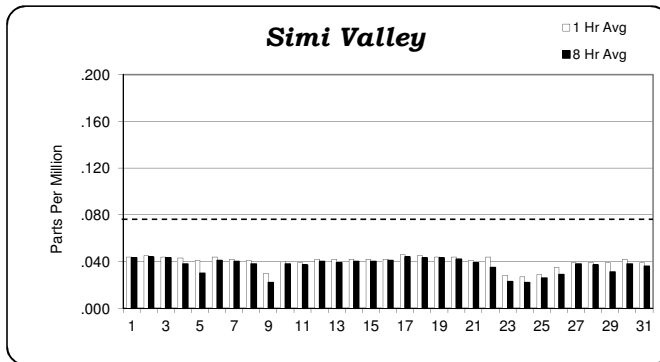
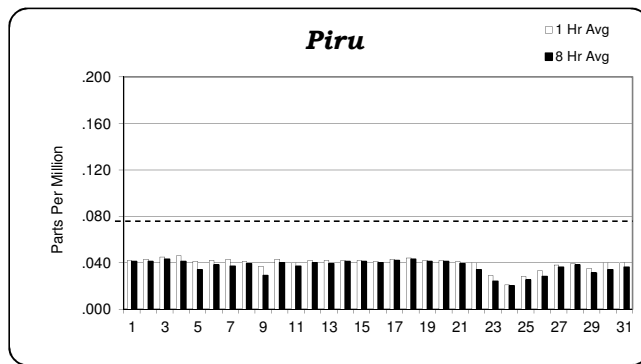
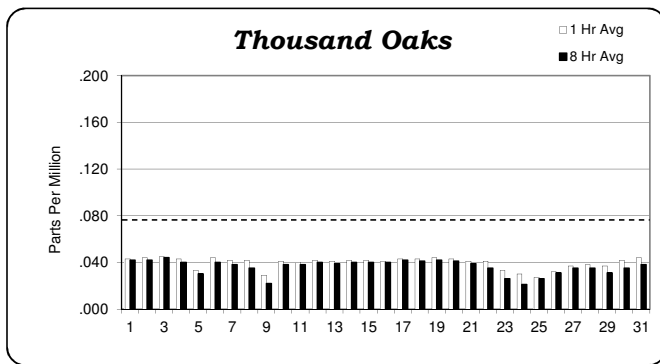
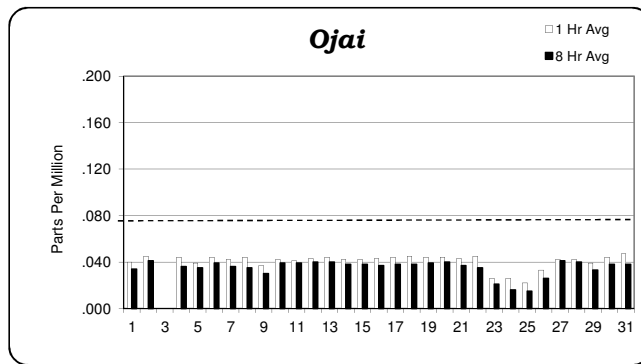
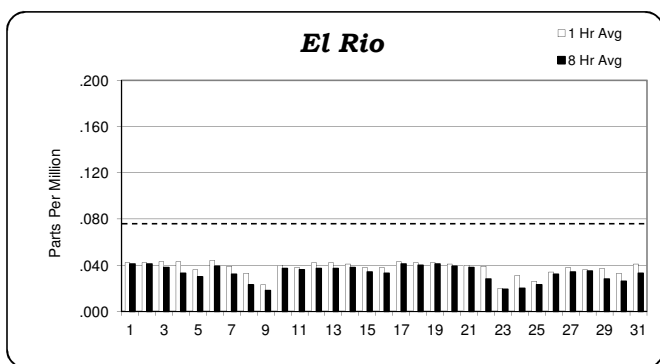
Ozone Report

JANUARY 2013

The levels of the California 1-hour standard, the National 8-hour standard, and the California 8-hour standard were not exceeded in January. The maximum 1-hour average was .047 ppm at Ojai; the maximum 8-hour average was .044 ppm at Simi Valley and Thousand Oaks.

OZONE DATA THROUGH 3/20/2013

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	0.057	0.048
Ojai – Ojai Avenue	0	1	0	0.092	0.071
Piru – 3301 Pacific Avenue	0	0	0	0.090	0.068
Simi Valley – Cochran Street	0	0	0	0.072	0.061
Thousand Oaks – Moorpark Road	0	0	0	0.066	0.055



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.