

# SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

September 2013

## New study on black carbon reductions in California

**A**ccording to the California Air Resources Board (CARB), reductions in emissions of black carbon since the late 1980s, mostly from diesel engines as a result of air quality programs, have resulted in a measurable reduction of concentrations of global warming pollutants in the atmosphere. This is from a study funded by CARB and led by Dr. Veerabhadran Ramanathan of the Scripps Institution of Oceanography at the University of California, San Diego. The study estimates that reductions in black carbon as a result of clean air regulations were equivalent to reducing carbon dioxide emissions in California by 21 million metric tons annually or taking more than 4 million cars off California roads every year.

Black carbon, tiny soot particles released into the atmosphere by burning fuels, has been linked to adverse health and environmental impacts through decades of scientific research. It is also one of

the major short-lived contributors to climate change. The key sources of black carbon in California are diesel-burning mobile sources, residential wood burning in fireplaces and heaters, agricultural burning and wildfires.

### Study details

The 3-year-study, titled "Black Carbon and Regional Climate of California," was conducted by UC San Diego and the U.S. Department of Energy's Lawrence Berkeley National Laboratory (LBNL) and Pacific Northwest

***If California's efforts in reducing black carbon can be replicated globally, we can slow down global warming in the coming decades by about 15 percent***

National Laboratory. It is the first comprehensive regional assessment of the climate impact of black carbon on California. (Continued on Page 3)

### *Celebrate*

## National Plug-In Day

**Saturday, September 28  
Noon to 4pm  
at The Collection  
Parkview Court, Oxnard**

**Come, see & learn about the latest electric vehicles and plug-in hybrids from Chevrolet, Ford, Mercedes, Tesla, Fiat, Honda, Nissan, and Toyota.**

**And grab your folding chair and listen to classic rock music provided by**

## **The Art Rockers**

**This free event is sponsored by the Ventura County APCD, the Ventura Electric Vehicle Association, the Sustainable Transport Club, and the Sierra Club. For more information, contact Stan Cowen at 645-1408 or [stan@vcapcd.org](mailto:stan@vcapcd.org).**

# 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: September  
10, 2013

## **APCD ADVISORY COMMITTEE**

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

Next meeting: August 27,  
2013

## **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

Next meeting: To Be  
Announced

## **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: August 9,  
2013

## **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  
John Zaragoza, District 5  
Mike Morgan, Camarillo  
Jonathan Sharkey, Pt. Hueneme  
Doug Tucker, Fillmore

## **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 – Carolina  
Guerra

### **Directory**

General Information **645-1400**  
Fax **645-1444**  
Website **[www.vcapcd.org](http://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](mailto:info@vcapcd.org)

Scientists used computer models and air pollution data collected by aircraft, satellite and ground monitors. The results support a growing body of scientific evidence that suggests it is possible to immediately slow the pace of climate change regionally by reducing emissions of short-lived climate pollutants, like black carbon. Co-author Dr. Tom Kirchstetter of LBNL says black carbon levels have decreased by about 90 percent over a 45-year period, beginning with the establishment of CARB in 1967, mostly as a result of state regulations for diesel emissions. Researchers found efforts to reduce diesel emissions to have lessened the impact of global warming on California, supporting earlier theoretical computer modeling by Dr. Mark Jacobson of Stanford University that reducing black carbon from diesel combustion is a potent “climate cooler.”

The reductions occurred during a time when diesel fuel consumption increased by about a factor of five, attesting to the effectiveness of CARB regulations requiring cleaner fuels and vehicle technology. The study took a conservative approach in examining the impact black carbon has on the Golden State. Researchers considered emissions only from diesel-powered trucks and buses, and off-road diesel equipment and

vehicles to estimate the equivalent reduction of carbon dioxide. When all sources of black carbon emissions from diesel fuel combustion are considered, including farming and construction equipment, trains and ships, the reduction in carbon dioxide emissions can be as high as 50 million metric tons per year over the past 20 years. That’s roughly equal to a 13-percent reduction in the total annual carbon dioxide emissions in California. As CARB’s current efforts to clean up trucks and buses move forward, resulting in the continued cleanup and turnover of older heavy-duty diesel vehicles, California should continue to see declines in particulate matter emissions. Advanced engine emissions control systems and filters are expected to dramatically reduce emissions from all new diesel engines. Current diesel truck engines are over 90 percent cleaner than models from years when they were unregulated. “If California’s efforts in reducing black carbon can be replicated globally we can slow down global warming in the coming decades by about 15 percent, in addition to protecting people’s lives,” Ramanathan said. “It’s a win-win solution if we also mitigate carbon dioxide emissions simultaneously.”

Black carbon has the effect of warming the atmosphere because it is effective at absorbing sunlight.

However, it is emitted together with a range of other particle pollutants, including organic carbon, sulfur and other chemicals, some of which have a cooling effect, typically by reflecting sunlight. Reducing diesel emissions can therefore lead to a reduction of both warming and cooling particles. The report, however, is the first to confirm, based on both observations and computer modeling, that the warming effect of black carbon dominates, overwhelming any cooling effect of other pollutants. This confirms the positive impact reducing diesel emissions has on fighting climate change.

Other findings include:

- Evidence to link brown carbon - - a form of organic carbon aerosols - - to warming. Therefore, a commonly held view that organic particles from wildfires primarily reflect sunlight, and cause cooling, was not supported by the study.
- A finding that black carbon particles increased the number of drops of water in clouds, while decreasing the size of those drops, a condition that can reduce or delay rain.

For more information on the study, visit the CARB website at [arb.ca.gov](http://arb.ca.gov).  
(Source: California Air Resources Board)

## AirLines



**Kanan Shuttle Service announced in Oak Park began on Aug. 5.** Public transit is good for air quality since it takes cars off the road. The Ventura County Public Works Agency, in partnership with the City of Agoura Hills and First Transit, announced the launch of Kanan Shuttle Service in Oak Park on Aug. 5. Kanan Shuttle

Service riders may enjoy the service free of charge until Nov. 2013. The shuttle service will operate Mondays – Fridays between 6:30 a.m. – 6:30 p.m. every 15 minutes during peak hours around school drop-off and pick-up times, and every 30 minutes the rest of the day.

The new shuttle system will seat 24 people per bus, is handicapped-accessible, features bicycle racks and will transport riders along a 14-stop route that begins at the 101 Freeway and Kanan Road, and will travel along Kanan Road for easy access

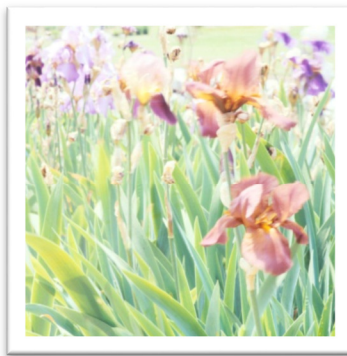
to schools, parks and shopping.

The new service will enhance current transportation service Dial-A-Ride (DAR), which has been operated by the City of Agoura Hills since 1985. DAR services will continue for elderly and disabled persons. For more information about Kanan Shuttle Service and schedules, visit [www.kananshuttle.com](http://www.kananshuttle.com).

## FOCUS on climate change

***Garden enthusiasts get hands-on solutions to climate change in their own backyards***

**T**hose folks who love to garden, both professionally and at home, can discover the impact of climate change in gardens at YOUtopia. YOUtopia is a new program that offers gardeners and garden buffs comprehensive information on the impacts of climate change and simple, easy steps to take in their own lives to participate in solutions. The program, developed by the American Public Gardens Association (APGA) and ecoAmerica, allows Americans to see the impacts of climate change in gardens and the many things that are being done to help curtail it.



YOUtopia is the first national program of its kind for public gardens that focuses on garden impact reduction, climate change solutions, and visitor engagement.

According to Environmental Protection magazine online, “Public gardens have a rich history of translating science for public education and are

perfectly positioned to inspire millions of Americans to engage in climate change solutions that are personally empowering.” Currently there are 500 public garden members that welcome over 70 million visitors annually. Casey Sclar, executive director of APGA adds, “YOUtopia has the potential to be an influential force in engaging Americans to prepare for and help prevent further climate change. More than just beautiful and safe places for residents and tourists to visit, public gardens often go beyond their gates to promote conservation awareness and environmental stewardship.” YOUtopia includes current, positive solutions for climate

change globally, regionally, and locally. It also offers practical ways people can join in.

Showing leadership by action, the public garden members are making commitments to reduce their own climate impacts by

- Composting

- Using energy efficiency & green power
- Using local food in their cafes.

Their actions will be shared nationally through the YOUtopia website. For a complete listing of all YOUtopia-committed gardens in California, and all over the country, visit

[youtopia.publicgardens.org/participating-gardens](http://youtopia.publicgardens.org/participating-gardens). The site also contains information on at home gardening as well. In addition to the website, you can also follow YOUtopia on Twitter and Facebook.

# Rule Development Update

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

## Recent Board Actions

**Permit Fees** (Rule 42 – Revised) On April 9, 2013, the Air Pollution Control Board adopted revisions to Rule 42, Permit Fees, to increase annual permit renewal fee rates by 3.0 percent, effective July 1, 2013. In comparison, the state Consumer Price Index (CPI) increased 6.1 percent since the last time these fee rates were revised in 2011. Permit fees were not increased in 2012. For most permittees, this increase in permit renewal fee rates will increase their permit renewal fees by \$16.00 per year. For additional information, contact **Chris Frank** at **805/645-1409** or [chris@vcapcd.org](mailto:chris@vcapcd.org).

## Advisory Committee

**Sulfur Compounds (Rule 54 – Revised) and Permit Fees (Rule 42 – Revised)** On September 24, 2013, the APCD Advisory Committee will consider proposed amendments to Rule 54, Sulfur Compounds and Rule 42, Permit Fees. Staff is proposing to add the 2010 sulfur dioxide (SO<sub>2</sub>) National Ambient Air Quality Standard of 75 ppb SO<sub>2</sub> to Rule 54 as a ground or sea level concentration limit, with a description of the design value and compliance demonstration options. In addition, staff proposes to clarify the SO<sub>2</sub> combustion emission limit by adding requirements to calculate the exhaust concentration of SO<sub>2</sub> on a dry basis and correct for a percent oxygen content based on the emission source. Staff also proposes to clarify the method of calculating the planned flaring excess emission fee in Rule 54 and Rule 42 for consistency. The meeting notice, draft rules, and staff report may be downloaded from the district website ([www.vcapcd.org](http://www.vcapcd.org)).

This meeting will occur in the first floor Meeting Room at 7:30 p.m. on Tuesday, September 24, 2013, at the Ventura County Air Pollution Control District offices, 669 County Square Drive, Ventura, CA 93003.

Please direct any comments, questions, or requests for additional information to Tyler Harris at (805) 645-1407. Written comments may be mailed to 669

County Square Drive, Ventura, CA, 93003, faxed to (805) 645-1444, or e-mailed to [tyler@vcapcd.org](mailto:tyler@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 NO<sub>x</sub> 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 NO<sub>x</sub> limit of 20 ppm. Pool heaters are still required to meet the existing NO<sub>x</sub> limit of 55 ppm. This rule only applies to natural gas-fired units.

These new NO<sub>x</sub> limits are based on existing requirements in the South Coast AQMD. For additional information, contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto: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 NO<sub>x</sub> limit of 20 ppm. New units must be certified by the South Coast AQMD requirements outlined in South Coast AQMD Rule 1146.2. Source testing must be performed at initial installation and every 4 years thereafter for boilers in this size range. Annual screening for NO<sub>x</sub> and CO emissions is required except when a source test of the unit is performed.

Requirements 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](mailto: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](mailto: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](mailto: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](mailto: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 is still be required every two (2) years for boilers between 2 and 5 million BTUs/hr, and screenings are not required when a source test is performed.

Requirements 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](mailto:lyle@vcapcd.org).

# Enforcement Update

<b>Enforcement Activities JULY 2013</b>					
<b>Inspections</b>	<b>Month</b>	<b>Fiscal Year</b>	<b>Violations</b>	<b>Month</b>	<b>Fiscal Year</b>
Asbestos Inspections	5	5			
Breakdowns Received and Investigated	10	10	Notices of Violation Issued	4	4
Complaints Received and Investigated	13	13	Cases Settled after Office Conference	8	8
Emergency Engine Verifications	0	0			
New Business	4	4			
Total: Permit/Other Inspections/Verifications	192	192	Total: Settlement/Fines	\$21,800	\$21,800

<b>Sources Operating Under Variance JULY 2013</b>					
<b>No./Type</b>	<b>Facility/Location</b>	<b>Source</b>	<b>Rule</b>	<b>End Date</b>	<b>Status</b>
846/ Emergency	Ventura Regional Sanitation District: Oxnard Landfills	Flare	29.C Condition 4	8-30-2013	On Schedule
848/ Emergency	Seneca Resources Corporation: Sespe Field Leases	Flare	29.C Condition 4	9-20-2013	On Schedule

<b>Sources Operating Under Stipulated Conditional Order of Abatement JULY 2013</b>					
<b>No.</b>	<b>Facility/Location</b>	<b>Source</b>	<b>Rule</b>	<b>End Date</b>	<b>Status</b>



<b>NOV No</b>	<b>Facility Name</b>	<b>Phys City</b>	<b>Comment</b>	<b>NOV Date</b>
022911	Circle K #2211126	Westlake Village	Non-CARB Title 17 Defect - Check Valve/LRD/B-Away	7/16/2013
022912	Wayne J. Sand and Gravel Inc.	Moorpark	Air Toxic Control Measure - Non Certified Tier O Engine	7/23/2013
023157	Red Robin Gourmet Burgers - The Oaks	Thousand Oaks	Operating Without A Permit - Conveyorized Charbroiler	7/9/2013
023209	Santa Paula Memorial Hospital	Santa Paula	Permit Condition Not Met - Boilers	7/3/2013

# Engineering Update

<b>ERC Balances by Company (Units – Tons per Year)</b> <b>As of August 19, 2013</b>					
Company Name	ROC	NO <sub>x</sub>	PM <sub>10</sub>	SO <sub>x</sub>	Limitation
ABA Energy Corporation	3.72	0.00	0.00	0.00	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	1.77	0.19	0.00	0.00	No
Dos Cuadras Offshore Resources	0.00	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
LWFP, LLC	0.00	0.00	0.57	0.00	No
Mirada Petroleum, Inc.	2.83	0.00	0.00	0.00	Yes
Naval Base Ventura County	2.25	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 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
Peak Operator LLC	0.51	0.00	0.00	0.00	No
Peak Operator LLC	2.52	0.00	0.00	0.00	Yes
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) As of August 19, 2013</b>					
Company Name	ROC	NO <sub>x</sub>	PM <sub>10</sub>	SO <sub>x</sub>	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
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	5.61	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	0.07	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	75.05	54.06	0.27	0.02	No
Vintage Production California LLC	1.56	83.66	1.47	0.06	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](http://www.vcapcd.org)). If you have any questions, please contact Kerby E. Zozula, Engineering Division Manager, at 805/645-1421.

**Permit Activities  
July 2013**

<b>Authorities to Construct</b>	<b>Month</b>	<b>Permits to Operate</b>	<b>Month</b>
Permits Requested	4	Permits Requested	24
Permits Issued	13	Permits Issued	20
Applications Under Review	28	Applications Under Review	92
Sources Holding Permits	108	Sources Holding Permits	1390
Average Turnaround Time	6.5 weeks	Average Turnaround Time	5.0 weeks

**Authority to Construct Applications Received  
July 2013**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00058-360	Vintage Production California	Piru	Drill Two New Oakridge Wells – 9H & 11H
00363-210	DCOR, LLC	Fillmore	Tank Replacement & Throughput Increase
08082-200	DCOR, LLC	Piru	Drill Seven Temescal Oil Wells
08197-100	Titan Metal Camarillo Facility	Camarillo	Construct Metal Workshop Facility

**Authorities to Construct Issued  
July 2013**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00008-830	Vintage Production California	Ventura	Install Gas Processing Plant
00025-260	Calmat Co.	Oxnard	Install Aggregate Unloading System
00048-260	Venoco, Inc. – West Montalvo	Oxnard	Replace Emergency Flare – M4P Lease
00053-490	Vintage Production California	Santa Paula	Install Equipment for Water Flood
00053-510	Vintage Production California	Santa Paula	Drill Three Wells – NR 33; Stewart 21 & 25
00058-360	Vintage Production California	Piru	Drill Two New Oakridge Wells – 9H & 11H
00244-160	Arcturus Manufacturing Co.	Oxnard	Furnace Replacement Project
00396-450	Venoco, Inc. – West Montalvo	Oxnard	Replace Emergency Flare – 735 Lease
01491-320	Platform Gina	Offshore Ventura	Engine Modifications – RICE NESHAP
01492-380	Platform Gilda	Offshore Ventura	Engine Modifications – RICE NESHAP
07249-150	Gooch & Housego (California)	Moorpark	Replace Vapor Degreaser
07915-240	Vaca Energy Hunsucker Lease	Oxnard	Install Replacement Flare
08177-100	Beacon Coffee Company	Ventura	Install New Coffee Roaster

**Permit to Operate Applications Received  
July 2013**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00013-361	Mandalay Generating Station	Oxnard	Part 70 Administrative Amendment
00048-261	Venoco, Inc. – West Montalvo	Oxnard	Operate emergency Flare – M4P Lease
00053-433	Vintage Production California	Santa Paula	Operate Well No. NR-32
00053-531	Vintage Production California	Santa Paula	Operate Well No. NR-24
00053-531	Vintage Production California	Santa Paula	Rule 74.16 – Four (4) SP Injection Wells
00058-371	Vintage Production California	Piru	Rule 74.16 – Two Oakridge Wells 9H, 11 H
00635-311	Ormond Beach Generating Station	Oxnard	Part 70 Administrative Amendment
00244-161	Arcturus Manufacturing Co.	Oxnard	Furnace Replacement Project
00396-451	Venoco, Inc. – West Montalvo	Oxnard	Operate Emergency Flare – 735 Lease
00596-141	Malabar International	Simi Valley	Abrasive Blasting Operation
00635-131	Southern California Edison	Thousand Oaks	Increase Gasoline Throughput Limit
00858-161	Southern California Edison	Ventura	Increase Gasoline Throughput Limit
01391-T02	The Boat Yard – Channel Islands	Oxnard	Transfer of Ownership – TBYCI
01494-511	Platform Gail	Offshore Ventura	Engine Modifications – RICE NESHP
05419-T01	Circle K #2211330	Ventura	Transfer of Ownership – CKS
05460-T01	Circle K #2211185	Simi Valley	Transfer of Ownership – CKS
05463-T01	Kam's Canyon Mobil	Simi Valley	Transfer of Ownership – SI
05465-T01	1 <sup>st</sup> Noor LLC	Simi Valley	Transfer of Ownership – 1 <sup>st</sup> N
05529-131	A & I Mini Mart & Gas	Meiners Oaks	Replace Gasoline Tanks
07964-T01	Air 7, LLC	Camarillo	Transfer of Ownership – A 7
08039-T01	Riverpark Center	Oxnard	Transfer of Ownership – BR
08062-101	HBH Ranch Oil Development	Oxnard	Operate Temporary Oilfield Equipment
08077-131	Weatherford U.S., L.P.	Ventura County	One (1) Additional Portable OCS Engine
08098-111	Red Robin Burgers – The Oaks	Thousand Oaks	Operate Conveyorized Charbroiler

**Permits to Operate Issued  
July 2013**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00053-425	Vintage Production California	Santa Paula	Operate Well No. Stewart – 18
00053-426	Vintage Production California	Santa Paula	Operate Well No. Stewart – 19
00053-427	Vintage Production California	Santa Paula	Operate Well No. NR-29
00053-428	Vintage Production California	Santa Paula	Operate Well No. NR-30
00053-531	Vintage Production California	Santa Paula	Rule 74.16 – Four SP Injection Wells
00058-371	Vintage Production California	Piru	Rule 74.16 Oakridge Wells – 9H & 11H
00464-231	Pentair Pool Products, Inc.	Moorpark	New Product Assembly Line
00717-T03	Aztlan Body Shop	Oxnard	Transfer of Ownership – ABS
01030-131	PRE Resources, LLC	Fillmore	Install/Operate Temporary Well Engine
01340-281	PTI Technologies Inc.	Oxnard	Operate Additional Flushing System
01391-T02	The Boat Yard – Channel Islands	Oxnard	Transfer of Ownership – TBYCI
01399-181	VRSD Oxnard Landfills	Oxnard	Part 70 Administrative Amendment
01491-311	Platform Gina	Offshore Ventura	Part 70 Reissuance
05419-T01	Circle K #2211330	Ventura	Transfer of Ownership – CKS
05460-T01	Circle K #2211185	Simi Valley	Transfer of Ownership – CKS
05465-T01	1 <sup>st</sup> Noor LLC	Simi Valley	Transfer of Ownership – 1 <sup>st</sup> N
08039-T01	Riverpark Center	Oxnard	Transfer of Ownership – BR
08062-101	HBH Ranch Oil Development	Oxnard	Operate Temporary Oilfield Equipment
08192-101	Golden State Water Co. – Ojai	Ojai	Install/Operate New Emergency Engine
08194-101	Palmer's Customs Inc.	Moorpark	Relocation Auto Body - Moorpark

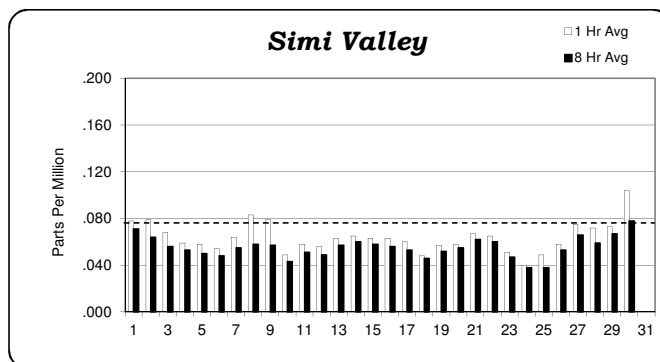
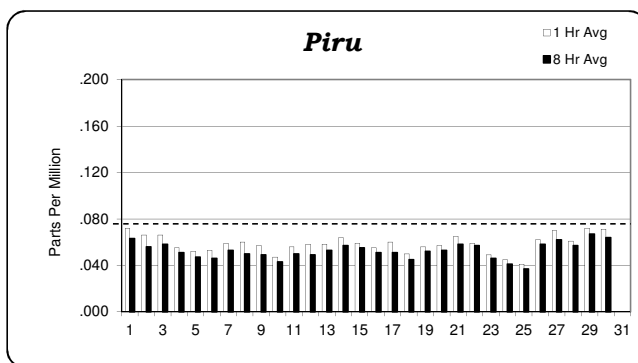
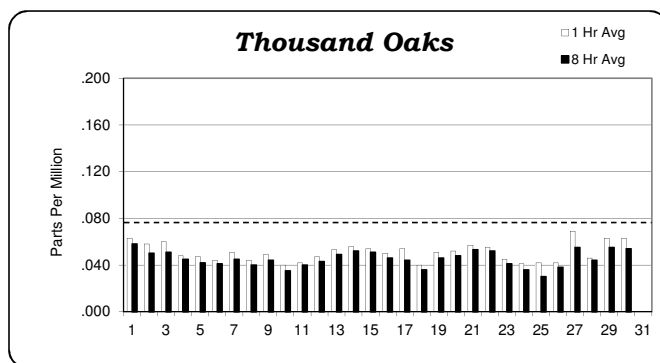
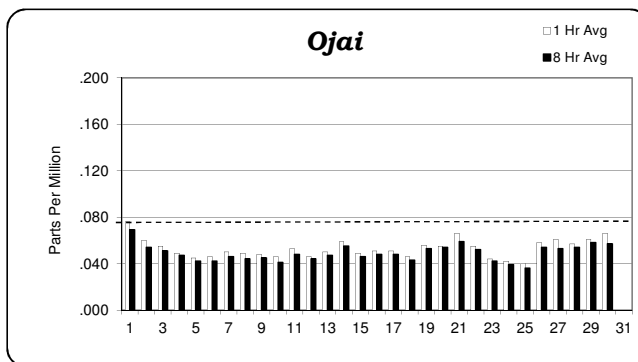
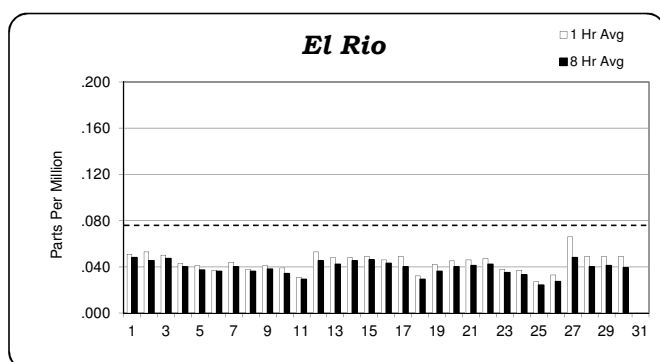
# Ozone Report

**JUNE 2013**

The level of the California 1-hour standard was exceeded on 1 day in Simi Valley. The level of the National 8-hour standard was exceeded on 1 day in Simi Valley. The level of the California 8-hour standard was exceeded on 2 days in Simi Valley. The maximum 1-hour average was .104 ppm at Simi Valley; the maximum 8-hour average was .078 ppm at Simi Valley.

## OZONE DATA THROUGH 8/22/2013

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	0.067	0.063
Ojai – Ojai Avenue	1	5	2	0.101	0.085
Piru – 3301 Pacific Avenue	0	3	2	0.093	0.083
Simi Valley – Cochran Street	3	10	4	0.104	0.089
Thousand Oaks – Moorpark Road	1	1	1	0.099	0.081



## 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.

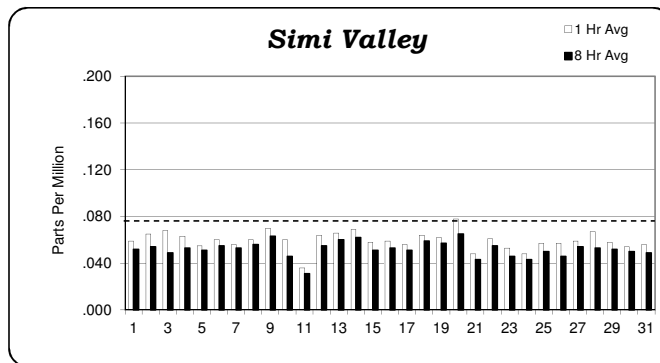
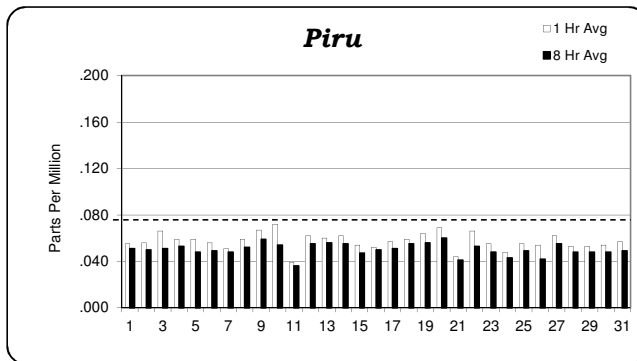
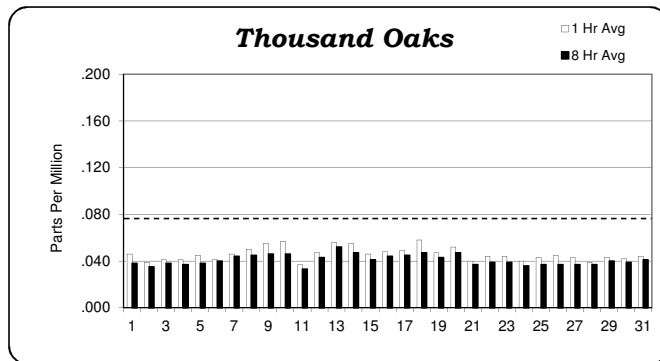
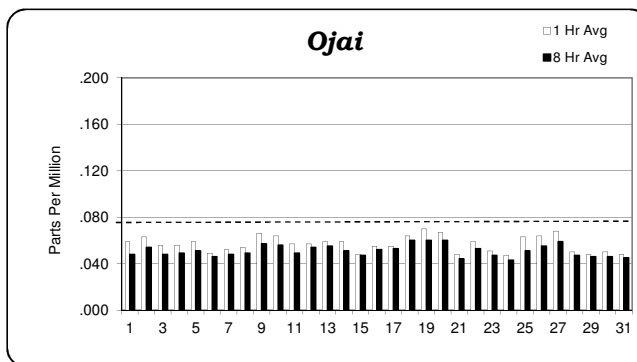
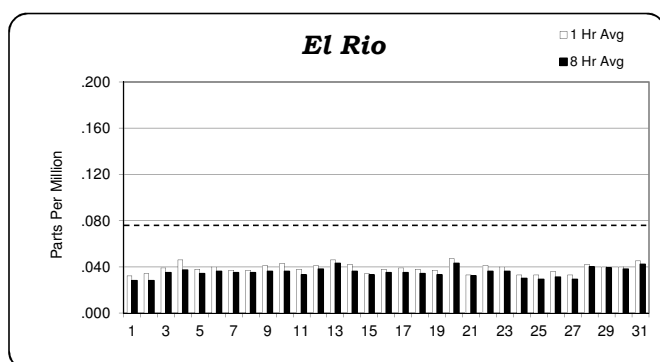
# Ozone Report

**JULY 2013**

The levels of the California 1-hour, the National 8-hour standard, and the California 8-hour standard were not exceeded. The maximum 1-hour average was .078 ppm at Simi Valley; the maximum 8-hour average was .065 ppm at Simi Valley.

## OZONE DATA THROUGH 8/29/2013

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	0.067	0.063
Ojai – Ojai Avenue	1	5	2	0.101	0.085
Piru – 3301 Pacific Avenue	0	3	2	0.093	0.083
Simi Valley – Cochran Street	3	10	4	0.104	0.089
Thousand Oaks – Moorpark Road	1	1	1	0.099	0.081



### 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.