

# SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

January 2014

## What's new online for 2014

The New Year brings opportunities and challenges for us all. Here at the District, one of the challenges is expanding our "virtual" life. So, for 2014, the APCD has recently created a Facebook page and some new YouTube videos in an effort to reach the public through social media.

### Now on Facebook



The Air Zone campaign has taken a leap into cyberspace with the launch of a Facebook page last month. According to public information manager Barbara L. Page, "We have created the Air Zone page to give the public information on green living, thereby not only improving air quality and climate change, but the overall environment as well. We will also give updates on local air quality in our County and provide links to many environmental sites.

We are enthusiastic about this venture and hope Skylines readers will friend the the Air Zone page." It can be reached at <https://www.facebook.com/TheAirZone>.

### And new Air Streams videos

This January, the District has created three new videos for the Air Streams section of our website. The videos feature what local companies and schools are doing to help our environment.

### Tomatoes improving the air?

Well, that's what the owner of Houweling's Tomatoes in Camarillo thinks. According to Casey Houweling, the company's respect for the planet inspires them to innovate and invest in green business practices. Some of those practices include: five acres of photovoltaic solar panels providing one megawatt of electricity that is equivalent to removing 300 cars from the road; water conservation with a four acre on-site retention pond; reduced use of fossil fuels by collecting heat from refrigeration equipment, solar thermal and irrigation

water for use in heating the greenhouses; and recycling 90 percent of waste. According to Houweling, the latest innovation is the



Filming Casey Houweling in one of the company's tomato greenhouses

Company's new 13.2 megawatt heat-and-power cogeneration technology. It is the first of its kind in the United States to capture traditionally wasted heat, water and CO<sub>2</sub> for use within the greenhouse. This technology well  
*(continued page 3)*

**Happy 2014**

**to all our**

**Skylines readers**

# 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: January 14, 2014

## **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,  
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

Next meeting: To Be Announced

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

## **APCD RULE WORKSHOPS**

See Rule Update section.

## **Air Pollution Control Board**

Carmen Ramirez, Oxnard, Chair  
Linda Parks, District 2, Vice Chair  
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  
Vacant Position

## **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)

exceeds the company's power needs allowing it to supply electricity to the grid. For its efforts, Houweling's Tomatoes was the recipient of the 2011 California Governor's Environmental and Economic Leadership Award.

### **Ojai high school teaching a green lesson**

Another new video features the efforts of the Ojai Valley School in Upper Ojai. In April 2013, the school received a Climate Action Award from Ventura County for making significant contributions to combat climate change. The school installed a photovoltaic system that supplies at least 85 percent of the school's needs. The project reduces its annual carbon footprint by an estimated 690,000 pounds.



**Director Sandra Holden interviews Ojai Valley School students about their green practices**

The solar project, launched in partnership with HelioPowet and Southern California Edison, comprises 1,001 solar

panels and is the largest solar project in the Ojai Valley. Environmental Science instructor John Wickenhaeuser says the project is also used to teach students math, science and computer skills. In addition to the panels, other "green" efforts include a campus-wide lighting retrofit and water conservation and waste reduction measures.

## **People protect what they love**

### **Water & air together**

Cherryl Connally, co-owner of Island Packers in Ventura Harbor, often cites this Jacques Cousteau quote: People protect what they love. And Island Packers is doing just that. The company has been taking people out to the Channel Islands for education, recreation, and research since 1968. Connally and her staff are committed to protecting the ocean and all natural resources by doing projects that, as she says, "Make a difference." According to her, all of their boat engines and generators are efficient, clean burning Tier II diesels. The hulls of the catamarans are designed

using advanced computer programs to make them very efficient.

All lighting is low energy LED or fluorescent. The paper products used on the concessions on the



**Island Packers vessel, "Islander," headed out to Channel Islands National Park & Marine Sanctuary**

boats are made from recycled paper and utensils from a compostable corn-based material. Cleaning products used are biodegradable and organic food is offered in their galleys. They have a comprehensive recycling program and are working with various research organizations to help monitor seabird populations and toxins in the marine environment.

So, get into green living and check out the new AirStreams videos online in January and don't forget to friend the Air Zone Facebook page.

## AirLines



**State's carbon footprint calculator ready for download.** The **California Air Resources Board (ARB)** has released a mobile application that aims to inspire people and small businesses to reduce their carbon footprints.

The free CoolCalifornia app, available for download on both the iTunes App Store and Google Play Store, offers

individuals and small businesses a straightforward, easy-to-use tool for calculating their carbon footprint and making pledges to reduce their carbon footprint by, for example, riding a bike more often or turning off the lights.

Using the calculator is simple. App users respond to a number of questions, such as: How many miles per gallon does your car get? How much do you spend per

month on electricity and gas? The result is calculated in the amount of carbon pollution generated in one year by those inputs. The app, which is compatible with Apple and Android devices, features green-living tips and allows users to share personal stories about how they're reducing their climate impact. For more information, contact Melanie Turner at the ARB at 916/322-2990.

## FOCUS on climate change

### Much international agreement - and some disagreement - on the causes of climate change

According to the California Governor's Office of Planning & Research, the following is a partial listing of scientific organizations that hold the position that climate change is caused by human action.

- Academia Chilena de Ciencias, Chile
- Academy of Athens
- Academy of Science Mozambique
- Academy of Science South Africa
- Academy of Sciences of the Czech Republic
- American Astronomical Society
- American Society of Civil Engineers
- American Public Health Association
- Australian Coral Reef Society
- British Antarctic Survey
- Australian Institute of Physics
- Cameroon Academy of Sciences
- Center for International Forestry Research
- Chinese Academy of Sciences
- Cuban Academy of Sciences
- European Science Foundation
- French Academy of Sciences
- German Academy of Natural Scientists Leopoldina
- International Union of Pure and Applied Physics
- Islamic World Academy of Sciences
- Kenya National Academy of Sciences

- Latvian Academy of Sciences
- National Academy of Sciences, USA
- National Science Foundation
- Natural Environment Research Council, UK
- Nicaraguan Academy of Sciences
- Palestine Academy for Science and Technology
- Romanian Academy
- Royal Irish Academy
- Royal Scientific Society of Jordan
- Royal Society of Canada
- Russian Academy of Sciences
- Science Council of Japan
- Scripps Institution of Oceanography
- Sudan Academy of Sciences
- Turkish Academy of Sciences
- World Health Organization
- Zambia Academy of Sciences

For a complete listing, visit [http://opr.ca.gov/s\\_listoforganizations.php](http://opr.ca.gov/s_listoforganizations.php).

We note that some other prominent scientists have made comments that the observed warming is more likely attributable to natural causes than to human activities.



# Rule Development Update

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

## Air Pollution Control Board

**Sulfur Compounds (Rule 54 – Revised) and Permit Fees (Rule 42 – Revised)** On January 14, 2014, the Air Pollution Control Board is tentatively scheduled to consider 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 is proposing 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 is also proposing to clarify the method of calculating the planned flaring excess emission fee in Rule 54 and Rule 42 for consistency. The meeting notice, proposed amended rules, and staff report may be downloaded from the District's website at [http://www.vcapcd.org/rules\\_division.htm#54](http://www.vcapcd.org/rules_division.htm#54). For additional information, contact **Tyler Harris** at **805/645-1407** or [tyler@vcapcd.org](mailto:tyler@vcapcd.org).

## Recent Board Actions

**Metalworking Fluids and Direct Contact Lubricants (Rule 74.31 – New) and Exemptions from Permit (Rule 23 – Revised)** On November 12, 2013, the Air Pollution Control Board adopted new Rule 74.31, Metalworking Fluids and Direct Contact Lubricants, to reduce Reactive Organic Compound (ROC) emissions from the use of metal working fluids and direct contact lubricants. On that same date, the Air Pollution Control Board adopted amendments to Rule 23, Exemptions from Permit, to exempt sources using Super Compliant Materials (50 g/l ROC or less) from permit requirements. Metal forging operations will continue to require APCD permits. The adopted new Rule 74.31 and amended Rule 23 and staff report may be downloaded from the District's website at [http://www.vcapcd.org/rules\\_division.htm#7431](http://www.vcapcd.org/rules_division.htm#7431). For additional information, contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

## Advisory Committee

No Advisory Committee meetings are currently scheduled.

## Compliance Dates

**Metalworking Fluids and Direct Contact Lubricants (Rule 74.31 – New):** Effective January 1, 2014, no person shall use any metalworking fluid, vanishing oil, or direct-contact lubricant with an ROC content in excess of the limits specified in Subsection B.1 of the rule. However, if a metalworking fluid was purchased prior to January 1, 2014, it may be used until January 1, 2015, in order to allow users to deplete existing inventories. The prohibition of sale and distribution of noncomplying fluids will become effective on January 1, 2014.

For additional information, contact Stan Cowen at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

**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. For additional information, contact **Stan Cowen** at **805/645-1408** or [stan@vcapcd.org](mailto:stan@vcapcd.org).

**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 to the requirements of South Coast AQMD Rule 1146.2, Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters. 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 at [http://www.vcapcd.org/Compl\\_AA.htm](http://www.vcapcd.org/Compl_AA.htm). For additional information, contact **Lyle Olson** at **805/645-1413** or [lyle@vcapcd.org](mailto:lyle@vcapcd.org).

# Enforcement Update

<b>Enforcement Activities NOVEMBER 2013</b>					
<b>Inspections</b>	<b>Month</b>	<b>Fiscal Year</b>	<b>Violations</b>	<b>Month</b>	<b>Fiscal Year</b>
Asbestos Inspections	0	22			
Breakdowns Received and Investigated	7	55	Notices of Violation Issued	9	34
Complaints Received and Investigated	19	122	Cases Settled after Office Conference	5	33
Emergency Engine Verifications	0	0			
New Business	0	10			
Total: Permit/Other Inspections/Verifications	158	951	Total: Settlement/Fines	\$8,200	\$72,650

<b>Sources Operating Under Variance NOVEMBER 2013</b>					
<b>No./Type</b>	<b>Facility/Location</b>	<b>Source</b>	<b>Rule</b>	<b>End Date</b>	<b>Status</b>
847/ Short	Ventura Regional Sanitation District: Oxnard Landfills	Flare	29.C Condition 4	12-7-2013	In Compliance
849/ Interim	Seneca Resources Corporation: Sespe Field Leases	Flare	29.C Condition 4	12-14-2013	In Compliance

<b>Sources Operating Under Stipulated Conditional Order of Abatement NOVEMBER 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>
022885	Platform Gina	Offshore of Ventura	Operating Without A Permit - Oilfield	11/18/2013
022886	Platform Gina	Offshore of Ventura	ACTM Title 17 - Oilfield	11/18/2013
023068	Drum Workshop Inc.	Oxnard	Permit Condition Not Met - Wood Coating Operation	11/13/2013
023069	Spanish Hills Golf & Country Club	Camarillo	Permit Condition Not Met - Exceeding Permitted Throughput	11/18/2013
023217	S.O.C. Resources	Bakersfield	Operating Without A Permit - Oilfield	11/11/2013
023218	S.O.C. Resources	Bakersfield	Operating Without A Permit - Oilfield	11/11/2013
023219	S.O.C. Resources	Bakersfield	Operating Without A Permit - Oilfield	11/11/2013
023220	S.O.C. Resources	Bakersfield	Improper Vapor Recovery System - Vapor Recovery System	11/11/2013
023221	S.O.C. Resources	Bakersfield	Improper Transfer Of ROC Liquids - Oil Loading Rack	11/11/2013

**Notice of Decision to Certify Emission Reduction Credits  
December 2013**

Pursuant to the requirements of California Health and Safety Code Section 40713 and District Rule 26.7.B.4, all interested persons are notified of the Air Pollution Control Officer's (APCO) decision to certify an Emission Reduction Credit (ERC) for the following applicant(s). The proposed ERC is in units of tons per year.

The public may submit written comments on the preliminary decisions during the 30-day period following the date of publication of this notice. The public is welcome to inspect, at the District office, the information submitted by the applicants and the supporting analyses for the preliminary decisions. After reviewing all comments received, the APCO shall provide written notification of the final decision to grant or deny any ERC to any person or agency submitting comments on the proposed ERC during the comment period.

If you have any questions regarding this notice, please contact Kerby E. Zozula, APCD Engineering Manager, at 805/645-1421.

<b>Company</b>	<b>ROC</b>	<b>NOx</b>	<b>PM<sub>10</sub></b>	<b>SOx</b>
Vulcan Materials Co. dba Industrial Asphalt Application No. 00025-271 ERC Certificate No. 1235	0.00	1.56	0.00	0.00

The emission reduction will result from an asphalt plant replacement project at the Industrial Asphalt facility located at 6029 Vineyard Avenue in Oxnard. The new asphalt plant has significant lower emissions of NOx as compared to the existing asphalt plant that are eligible for emissions banking. The Permit to Operate for the new asphalt plant requires periodic testing to enforce the emission reduction.



# Engineering Update

<b>ERC Balances by Company (Units – Tons per Year) As of December 17, 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.	1.00	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	9.29	0.00	0.00	0.00	Yes
Dos Cuadras Offshore Resources	1.71	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	5.11	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	2.88	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 December 17, 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.	0.00	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	0.06	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	74.93	54.06	0.27	0.02	No
Vintage Production California LLC	1.56	83.66	1.47	0.06	Yes
Vulcan Materials Co.	0.00	1.56	0.00	0.00	No
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  
November 2013**

<b>Authorities to Construct</b>	<b>Month</b>	<b>Permits to Operate</b>	<b>Month</b>
Permits Requested	4	Permits Requested	19
Permits Issued	3	Permits Issued	22
Applications Under Review	26	Applications Under Review	100
Sources Holding Permits	101	Sources Holding Permits	1388
Average Turnaround Time	4.0 weeks	Average Turnaround Time	6.6 weeks

**Authority to Construct Applications Received  
November 2013**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00339-150	General Magnaplate Calif.	Ventura	Install Blast Room & Thermal Spray Room
01207-660	Naval Base Ventura County	San Nicolas Island	Additional Sweeper Engine
07915-260	Vaca Energy Hunsucker Lease	Oxnard	New Equipment & Process Modifications
08206-100	Spears Manufacturing Co.	Santa Paula	Injection Molding & Emergency Engine

**Authorities to Construct Issued  
November 2013**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00053-540	Vintage Production California	Santa Paula	Drill Four (4) New Wells
00066-310	Maulhardt Lease – Oxnard	Oxnard	Drill New Well S-M-G No. 1
08201-100	DNBG Lease Oxnard	Oxnard	Drill New Well DNBG No. 1

**Permit to Operate Applications Received  
November 2013**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00041-1521	Aera Energy LLC	Ventura	Two (2) New Oil Wells
00041-1531	Aera Energy LLC	Ventura	Rule 74.16 – Eight (8) Wells
00227-131	Pre-Con Products Ltd	Simi Valley	Install Asphalt Concrete Recycling Facility
00294-T03	Ventura Beach Marriott	Ventura	Transfer of Ownership – KI
00569-T02	Cardlock Fuels System	Oxnard	Transfer of Ownership – CFSI
01047-141	Thompson Oil Company, Inc.	Moorpark	Replace 180-Barrel Produced Water Tank
01399-191	VRSD Oxnard Landfills	Oxnard	Modify Flare Requirements
05284-T02	Cardlock Fuels System	Simi Valley	Transfer of Ownership – CFSI
01047-141	Thompson Oil Company, Inc.	Moorpark	Replace 180-Barrel Produced Water Tank
01399-191	VRSD Oxnard Landfills	Oxnard	Modify Flare Requirements
05284-T02	Cardlock Fuels System	Simi Valley	Transfer of Ownership – CFSI
06399-161	Costco Wholesale Corp. #420	Oxnard	Install Three (3) Additional Dispensers
07117-T01	MAACO Collision Repair & Paint	Oxnard	Transfer of Ownership – PDCN
07249-151	Gooch & Housego California	Moorpark	Replace Vapor Degreaser
07431-141	Elite Metal Finishing	Oxnard	Modify Permit Condition – Solvent
08023-T01	Muvico Thousand Oaks	Thousand Oaks	Transfer of Ownership – MTO
08082-181	DCOR, LLC	Piru	Operate Two (2) Temescal Wells
08132-121	Houweling’s Nurseries	Camarillo	Increase Cogen Engine Fuel Limit
08173-101	Silvas Oil Company, Inc.	Oxnard	Operate New Gasoline Bulk Plant
08205-101	AT&T Mobility - Conejo Valley	Camarillo	Operate New Emergency Diesel Engine
08207-101	AT&T Mobility	Santa Paula	Operate New Emergency Diesel Engine
08208-101	SOC Resources, Inc.	Santa Paula	Existing Exploratory Oil Wells & Tanks

**Permits to Operate Issued  
November 2013**

<b>Permit</b>	<b>Facility</b>	<b>City</b>	<b>Project Description</b>
00041-151	Aera Energy LLC	Ventura	Rule 74.16 – Eight (8) Wells
00053-405	Vintage Production California	Santa Paula	Operate Well No. MR-16
00053-437	Vintage Production California	Santa Paula	Operate Well No. NR-26
00053-438	Vintage Production California	Santa Paula	Operate Well No. NR-18
00053-439	Vintage Production California	Santa Paula	Operate Well No. Stewart-15
00053-441	Vintage Production California	Santa Paula	Operate New COSTS – Stewart/MR Lease
00053-511	Vintage Production California	Santa Paula	Operate Well No. Stewart-21
00109-151	TFX Aviation Inc.	Newbury Park	Operate Air Stripping System
00569-T02	Cardlock Fuels System	Oxnard	Transfer of Ownership – CFSI
00631-T02	Harry’s Auto Collision Group	Thousand Oaks	Transfer of Ownership – HACG
00990-291	Seneca Resources Corporation	Fillmore	Operate Heater Treater
00990-311	Seneca Resources Corporation	Fillmore	Operate Six (6) Replacement Wells
04145-101	Tailormade Dry Cleaners	Simi Valley	Relocate Dry Cleaning Machine
05284-T02	Cardlock Fuels System	Simi Valley	Transfer of Ownership – CFSI
06399-161	Costco Wholesale Corp. #420	Oxnard	Install Three (3) Additional Dispensers
07117-T01	MAACO Collision Repair & Paint	Oxnard	Transfer of Ownership – PDCN
07898-T01	The Bonaventure	Ventura	Transfer of Ownership – VHVP
08025-131	Moorpark College	Moorpark	New Emergency Engine
08082-211	DCOR, LLC	Piru	Rule 74.16 – Temescal Oil Wells
08132-101	Houweling’s Nurseries	Camarillo	Operate New Cogen Engines
08177-101	Beacon Coffee Company, Inc.	Ventura	Operate New Coffee Roaster
08180-101	Elite Metal Finishing, LLC	Oxnard	New Surface Coating Operations

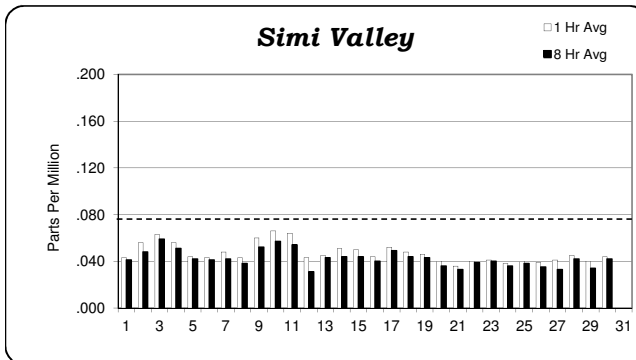
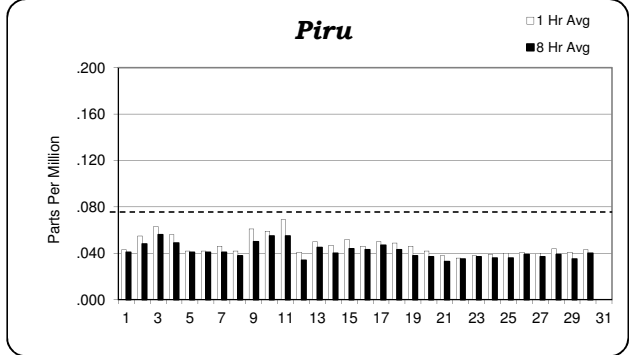
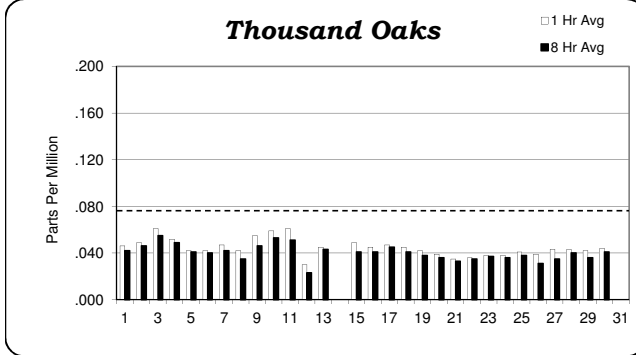
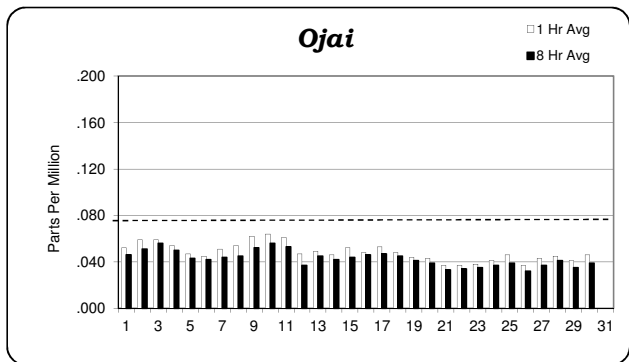
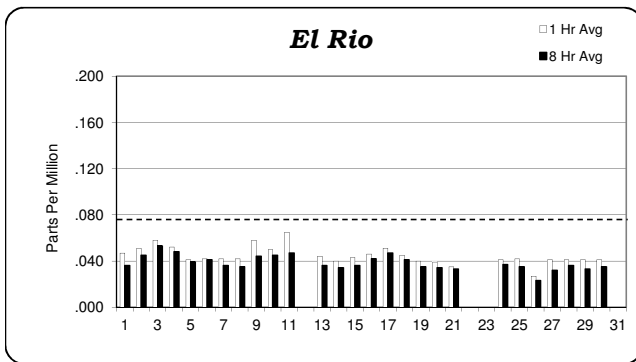
# Ozone Report

NOVEMBER 2013

The levels of the California 1-hour standard, the National 8-hour standard, and the California 8-hour standard were not exceeded in November. The maximum 1-hour average was .069 ppm at Piru; the maximum 8-hour average was .059 ppm at Simi Valley.

## OZONE DATA THROUGH 12/25/2013

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	0.092	0.082
Simi Valley – Cochran Street	3	11	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.