

SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

Climate change update - fall 2011

by Don Price, P.E., APCD Engineer

NOVEMBER, 2011

Although federal restrictions on greenhouse gases began in January after the implementation of new requirements for light duty vehicles, Congress is still attempting to reign in greenhouse gas limits. In late July, a House of Representatives spending bill for fiscal year 2012 contained a number of policy riders to thwart White House-backed initiatives on greenhouse gas emissions, among other issues. As a result, federal climate change legislation has been rendered a dead issue in the United States.

Administration efforts to address energy efficiency issues are an attempt to pick up some greenhouse gas emission reductions by proxy, but a real and sustained effort to reduce GHGs is still needed.

Richard A. Muller, a physicist who has become involved in climate change research, had been critical of climate scientists for ignoring outside questions on the meteorological data. He started the Berkeley Earth Surface Temperature (BEST) project at the

Lawrence Berkeley National Laboratory to rectify the flaws in existing measurements of global warming. To his surprise, preliminary results from BEST indicate that earth is warming in line with the projections of climate models. Announced during testimony before Congress, the preliminary findings were a shock to climate change skeptics everywhere. Muller does not consider himself a skeptic, but is "properly skeptical in the way every scientist is skeptical. Science is non-partisan. I have no agenda. I stick to the science." Currently, humans are injecting about 25 gigatons of carbon per year and reaching concentrations similar to the PETM (Paleocene-Eocene Thermal Maximum that happened 56 million years ago due to a massive injection of greenhouse gases into the atmosphere). The speed of today's rise is more troubling than the absolute magnitude, because adjusting to rapid climate change is very difficult. The study also found that it took nearly 200,000 years for the Earth's natural buffers to bring temperatures down.

Final results of the study should be available soon. In another study, researchers found that global temperatures that rose five degrees Celsius (nine degrees Fahrenheit) due to the PETM bear a striking resemblance to the human-caused climate change occurring today. A significant difference, however, is that the PETM stretched over 20,000 years, injecting up to 1.7 gigatons of carbon per year into the atmosphere.



Continued on page 3

AIR POLLUTION CONTROL BOARD

November 8, 2011

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

APCD ADVISORY COMMITTEE

No advisory committee
meeting this month.

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

CLEAN AIR FUND ADVISORY COMMITTEE

To Be Announced

Large Conference Room
669 County Square Drive
Ventura

APCD HEARING BOARD

Mondays, 5:30 p.m., as
needed Board Chambers
Administration Building
800 South Victoria Avenue
Ventura

SOUTH CENTRAL COAST BASINWIDE AIR POLLUTION CONTROL COUNCIL

Santa Barbara APCD
260 North San Antonio Road
Santa Barbara

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

APCD RULE WORKSHOPS

See Rule Update section.

Air Pollution Control Board

Brian Brennan, Chair
Kathy Long, District 3, Vice Chair
Steve Bennett, District 1
Linda Parks, District 2
Peter Foy, District 4
John Zaragoza, District 5
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Gayle Washburn, Fillmore
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Ventura County

Air Pollution Control District

669 County Square Drive, 2nd Floor
Ventura CA 93003

Air Pollution Control Officer

Michael Villegas

Skylines

Editor – Barbara L. Page
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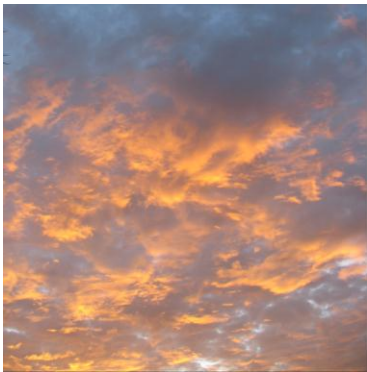
Directory

General Information	645-1400
Fax	645-1444
Website	www.vcapcd.org

Agricultural burning,	
Smog forecast	654-2807
Complaints (7 a.m. – 5 p.m.,	
Mon-Thurs)	645-1445
Complaints (recording)	654-2797
Monitoring Division	645-1410
Permit processing	645-1403
Permit renewal	645-1404
Public information	645-1415
Smoking vehicle	
Hotline	800/559-SMOG
Email address	info@vcapcd.org

Heat wave

Unusually hot temperatures and drought in the south and southern Midwest states has broken somewhat but continues to be a problem. In April, alarm about the ongoing drought included fears of wildfires, agricultural problems and water restrictions. The worst drought areas were in Texas and western Louisiana. As of early August, no relief was in sight.



In Oklahoma, August is traditionally the hottest month of the year. The heat extended into the northeast and upper Midwest in July. Temperatures averaged up to 15 degrees above normal, with most peaks in the 90s but over-100-degree heat striking from Montana to New Mexico. Fourteen US states announced that June had been among their top-ten hottest Junes on record. The subsequent drought has led to the burning of at least 5.8 million acres, also a record for the period and almost twice the normal 10-year average.

Firms go green to save money

Now that energy efficiency has overtaken climate

change as the hot topic, many large corporations have become seriously eco-friendly. PepsiCo Inc. is planning to test beverage bottles made entirely from plant-based sources. IBM ranked first for environmentalism on a list of 100 companies compiled this year by Corporate Responsibility Magazine. But Wal-Mart is making some of the most visible changes, installing fuel cells, skylights, and white roofs in many locations. They are also using scaled-down packaging and reusing or recycling waste. All of these activities reduce energy consumption, but they also save money. Wal-Mart estimates that installing solar panels at several stores has cut their electric bill by \$1 million. "We think it's good business," said Kimberly Sentovich, senior Vice President of Wal-Mart's Pacific Division. Like most companies, they look primarily to the bottom line and consider any resulting good will from their increased in energy efficiency as a side benefit.

A surge in greenhouse gases

The International Energy Agency (IEA) announced in June that a record 30.6 gigatons of carbon dioxide were injected into the atmosphere in 2010, mainly through the burning of fossil fuels. That level was 1.6 gigatons higher than 2009. While some take this as a sign of economic recovery, it also indicates that efforts to reduce greenhouse gas emissions are failing. IEA chief economist Faith Rirol said the prospects of keeping

GHGs from warming global temperatures less than 3.5 degrees Fahrenheit are now becoming very bleak. IEA is an autonomous organization which works to ensure reliable, affordable and clean energy for its 28 member countries and beyond.

And on the Ventura County front:

Local teen sues to protect the planet

In May, sixteen year old Oak View student Alec Loorz, founder of *Kids vs. Global Warming*, filed a lawsuit in U.S. District Court in San Francisco to force the federal government to curb greenhouse gas emissions. It was one of 50 filed simultaneously in every state by young plaintiffs trying to have an impact on their future. The suits are based on the public trust doctrine, which requires that governments preserve and maintain public resources like air and water. "It's historic and exciting," Alec said. "Our planet needs to be protected for future generations, and our governments are not living up to it. All we need is one friendly judge to put it through."

See Alec's website, <http://kids-vs-global-warming.com> (editor's note: You can see Alec in the new film "The Right to Breathe" produced by the South Coast Air Quality Management District. Also, Mr. Price is still available to give his climate change presentation to local groups.

Call 645-1415 to schedule.)

Airlines

Shipping news. New clean fuel regulations in California and voluntary slowdowns by shipping companies substantially reduce air pollution caused by near-shore ships, according to a new NOAA-led study published online recently in *Environmental Science & Technology*.

The study examined a container ship operating under a 2009 California regulation requiring that ships switch to low-sulfur fuels as they approach the California coast, and also adhering to a voluntary state slowdown policy, intended to reduce pollution. The research team found that

emissions of several health-damaging pollutants, including sulfur dioxide and particulate matter, dropped by as much as 90 percent.

These findings could have national and global significance, as new international regulations by the International Maritime Organization require vessels to switch to lower-sulfur fuel near U.S. and international coasts beginning in 2012. The research team found reductions in emissions even where none were expected, meaning even greater reductions in air pollution, and associated respiratory health effects in humans.

"These scientific findings clearly demonstrate that ships off our coast now emit significantly less sulfur pollution than in the past," said California Air Resources Board Chairman Mary D. Nichols. "This is good news for California and for the nation. When the federal regulations kick in for ships to use low-sulfur fuel, communities throughout America that live near shipping lanes and next to ports will see clean air benefits." For more information, contact the California Air Resources Board. (Source: ARB news clips August 23, 2011)

The District has educational materials for children. Call 645-1415 to order.





Rule Development Update

Visit www.vcapcd.org/rules_division.htm

Recent Board Actions

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

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

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

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

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

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

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

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

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

The following rules were revised:

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

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

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

Permit Fees (Rule 42 – Revised): On April 12, 2011, the Air Pollution Control Board adopted revisions to Rule 42. The revisions include a 2.0 percent permit renewal fee rate increase, effective July 1, 2011. For permit holders paying the minimum fee, adoption of this proposal will result in a fee increase of no more than \$10.00 per year.

District operations are funded by state and federal grants, automobile registration fees, and fees charged to sources of air pollution. The APCD receives no property tax revenue or general fund revenue. The fee increase is necessary to offset rising expenses. For additional information contact **Don Price** at **805/645-1407** or don@vcapcd.org.

Hearing Board Rules (Rules 112, 117, 120, 123, 124, 126 – Revised): On December 14, 2010, the Air Pollution Control Board adopted revisions to six Regulation VII Hearing Board rules. The amended rules are:

1. Rule 112, Contents of Petitions
2. Rule 120, Notice of Hearing
3. Rule 123, Findings, Variance or Abatement Order
4. Rule 124, Decision
5. Rule 126, Effective Date of Decision

Rule 117, Answers, was repealed. No emission reductions will result from the proposed changes, which are meant to both facilitate administration of the Hearing Board and align the rules more closely with California Health and Safety Code.

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

Compliance Dates

☒ **January 1, 2012**

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

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

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

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

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

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

☒ **September 15, 2010**

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

☒ **September 15, 2010**

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

☒ **July 1, 2010**

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

additional information contact **Don Price** at **805/645-1407** or don@vcapcd.org.

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

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

☑ **March 1, 2008**

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

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

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



Enforcement Update

Enforcement Activities SEPTEMBER 2011					
Inspections	Month	Fiscal Year	Violations	Month	Fiscal Year
Permit/Other Inspections	191	604	Notices of Violation Issued	14	46
Complaints Received and Investigated	16	54	Cases Settled after Office Conference	19	45
Breakdowns Received and Investigated	26	39			
Asbestos Inspections	6	16			
New Business	2	2	Settlement/Fines	\$19,200	\$49,400

Sources Operating Under Variance SEPTEMBER 2011					
No./Type	Facility/Location	Source	Rule	End Date	Status
839/ Short	Ventura Regional Sanitation District	Gas Collection and Control System	29.C, Conditions 74.17.1 Municipal Solid Waste Landfills	11-26-11	On Schedule

Sources Operating Under Stipulated Conditional Order of Abatement SEPTEMBER 2011					
No.	Facility/Location	Source	Rule	End Date	Status
None at this time					

NOV No	Facility Name	Phys City	Comment	NOV Date
022440	McGrath Farm	Camarillo	Visible dust beyond the property line- Fugitive dust	9/1/2011
022441	Seaward Inc.	Ventura	CARB Title 17 Defect PHII- V.R. System Testing Failure	9/8/2011
022443	Seaward Inc.	Ventura	Non-CARB Title 17 Defect - V.R. System Testing Failure	9/8/2011
022445	Avantair Elite Services	Camarillo	Operating Without A Permit - Aviation Bulk Plant	9/27/2011
022446	Santa Paula Materials, Inc.	Santa Paula	Operating Without A Permit - Sand & Gravel Operation	9/29/2011
022480	USA Gasoline #68183	Oxnard	Non-CARB Title 17 Defect - V.R. System Testing Failure	9/21/2011
022632	Maple Leaf Bakery-Pioneer Div	Oxnard	Permit Condition Not Met - Catalytic Oxidizer	9/12/2011
022633	Toland Road Landfill	Santa Paula	Permit Condition Not Met - Dehydration Chamber	9/15/2011
022681	Chevron #200209	Camarillo	Non CARB Title 17 Defect-PHI/II - V.R. System Testing Failure	9/6/2011
022682	Hunsucker Lease	Oxnard	Improper Vapor Recovery System - Vapor Recovey System	9/28/2011
022718	HDOC #093	Oxnard	Non-CARB Title 17 Defect - V.R. System Testing Failure	9/13/2011
022719	Parker Advanced Filtration Division	Oxnard	Permit Condition Not Met - Exceeding Cleanup Solvent	9/21/2011
022760	Carmen Auto Center	Camarillo	Permit Condition Not Met - Exceeding Gasoline Throughput	9/7/2011
022761	Buena Vista Collision Ctr. of Ven	Ventura	Failure To Maintain Spray Booth - Paint Spray Booth	9/15/2011

**Permit Activities
September 2011**

Authorities to Construct	Month	Permits to Operate	Month
Permits Requested	7	Permits Requested	17
Permits Issued	1	Permits Issued	20
Applications Under Review	29	Applications Under Review	77
Sources Holding Permits	99	Sources Holding Permits	1416
Average Turnaround Time	4.2	Average Turnaround Time	5.1

**Authority to Construct Applications Received
September 2011**

Permit	Facility	City	Project Description
00053-320	Vintage Production California LLC	Santa Paula	Drill Four (4) NR Wells
00053-340	Vintage Production California LLC	Santa Paula	Drill Three (3) Culbert Wells
00058-290	Vintage Production California LLC	Piru	Drill Ten (10) New Torrey Wells
00879-130	Pacific Vehicle Processors Inc.	Oxnard	New Coating Operation and Spray Booth
00984-340	Vintage Production California LLC	Fillmore	Oil Well Replacement Project
07249-130	Gooch & Housego (California) LLC	Moorpark	Replace Vapor Degreaser
08140-100	Joe's Discount Cleaners	Simi Valley	Vapor Extraction System - Perchloroethylene

**Authorities to Construct Issued
September 2011**

Permit	Facility	City	Project Description
00041-1380	Aera Energy LLC	Ventura	Six (6) Replacement Wells

**Permit to Operate Applications Received
September 2011**

Permit	Facility	City	Project Description
00041-1332	Aera Energy LLC	Ventura	Operate Two (2) Oil Wells
00053-331	Vintage Production California LLC	Santa Paula	Rule 74.16 - Four (4) NR Wells
00053-351	Vintage Production California LLC	Santa Paula	Rule 74.16 - Three (3) Culbert Wells
00053-361	Vintage Production California LLC	Santa Paula	Existing Oil Storage Tanks
00058-301	Vintage Production California LLC	Piru	Rule 74.16 - Ten (10) Torrey Wells
00058-311	Vintage Production California LLC	Piru	Increase Oil Throughput Limit
00396-371	Venoco, Inc. - West Montalvo	Oxnard	Oil Tank Modifications
00984-351	Vintage Production California LLC	Fillmore	Rule 74.16 - Five (5) Wells
01021-191	Vaquero Energy, Inc.	Fillmore	Existing Oilfield Flare
01179-151	The Termo Company	Santa Paula	Existing Oilfield Flares
01383-171	Naumann Drill Site	Oxnard	Operate LPG Tank & Loading Rack
01383-181	Naumann Drill Site	Oxnard	Existing Oilfield Flare
07340-132	Toland Road Landfill	Santa Paula	Operate Microturbines
07448-211	Rosenmund Multipurpose Drill Site	Oxnard	Operate VR No. 6
07935-121	Former Robert E. Mack Plumbing	Oxnard	Revise Monitoring Condition - VES
08110-111	Former Saviers Dry Cleaners (VES)	Oxnard	Modify Monitoring Frequency
08139-101	JR Mobile Sandblasting and Painting	Ventura County	Portable Blasting and Coating

**Permits to Operate Issued
September 2011**

Permit	Facility	City	Project Description
00053-331	Vintage Production California LLC	Santa Paula	Rule 74.16 - Four (4) NR Wells
00053-351	Vintage Production California LLC	Santa Paula	Rule 74.16 - Three (3) Culbert Wells
00058-281	Vintage Production California LLC	Piru	Tank Replacement Project
00058-301	Vintage Production California LLC	Piru	Rule 74.16 - Ten (10) Torrey Wells
00263-141	Saticoy Lemon Association/Plant #4	Oxnard	Operate New Boiler
00635-121	Southern California Edison Co.	Thousand Oaks	Modify Gasoline Throughput Limits
00858-151	Southern California Edison Co.	Ventura	Revise Engine Specifications
00984-301	Vintage Production California LLC	Fillmore	Operate Dana No. 1-7
00984-331	Vintage Production California LLC	Fillmore	Tank Replacement Project
00984-351	Vintage Production California LLC	Fillmore	Rule 74.16 - Five (5) Wells
01494-471	Platform Gail	Offshore Ventura	Various Permit Modifications
04097-121	Dryclean Safari	Ventura	Relocate Dry Cleaning Machine - Petroleum
05457-161	ExxonMobil Oil Corp. 10228	Camarillo	Phase II EVR and ISD
05502-161	Valero Corner Station #3751	Fillmore	Increase Gasoline Throughput Limit
07270-131	Clark's Printing Company, Inc.	Ventura	Replace Printing Presses
07448-211	Rosenmund Multipurpose Drill Site	Oxnard	Operate VR No. 6
07641-111	North Coast Regional Office	Ventura	Revise Engine Specifications
08101-101	Coyote Canyon Farms	Somis	Wood Chipping and Grinding Operation
08126-101	Warring Water Service Inc.	Piru	New Emergency Engine
08136-101	Tapo Canyon Investors, LLC (B of A)	Simi Valley	Existing Emergency Engine



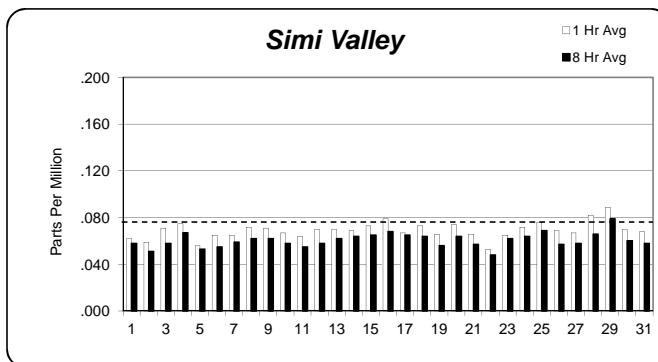
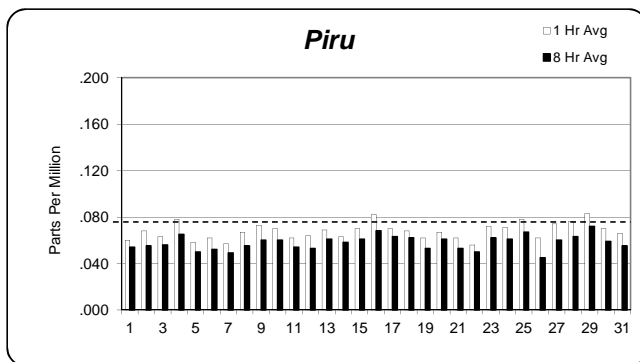
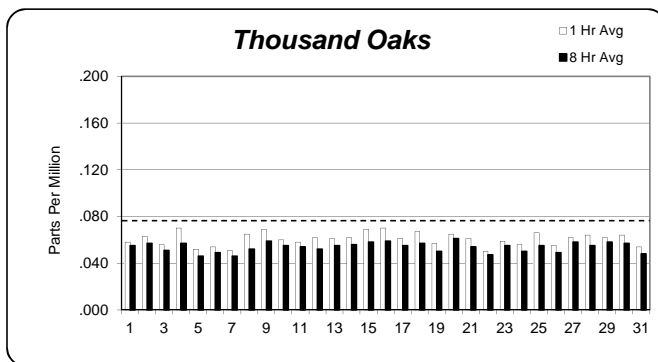
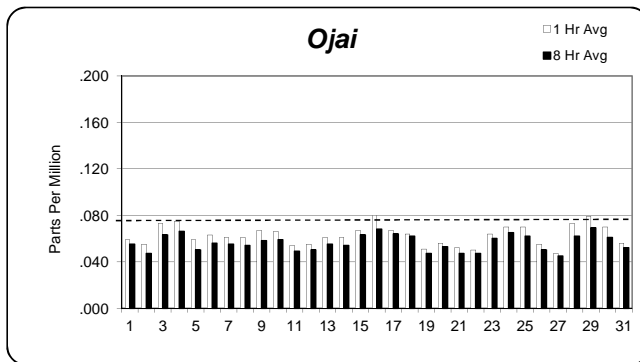
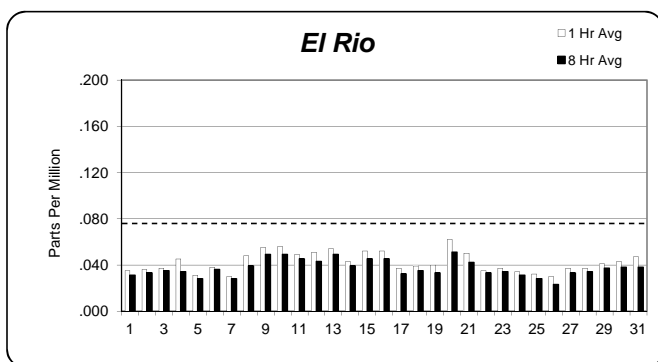
Ozone Report

AUGUST 2011

There were no exceedances of the California 1-hour standard. The Federal 8-hour standard was exceeded on 1 day at Simi Valley. The California 8-hour standard was exceeded on 1 day at Piru and Simi Valley. The maximum 1-hour average was .089 ppm at Simi Valley; the maximum 8-hour average was .079 ppm at Simi Valley.

OZONE DATA THROUGH 10/20/2011

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	0.081	0.067
Ojai-Ojai Avenue	2	11	4	0.101	0.086
Piru-3301 Pacific Avenue	1	6	2	0.100	0.084
Simi Valley-Cochran Street	3	13	6	0.108	0.085
Thousand Oaks-Moorpark Road	0	5	1	0.092	0.078



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.