

SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

DECEMBER 2013

UC Irvine study uses novel approach to better understand toxicity of particles

Specific components of particles may be linked to the progression of heart disease, the leading cause of death in the U.S., according to a study released on October 11 by the California Air Resources Board. Funded by the Air Resources Board and led by Dr. Michael T. Kleinman of the University of California Irvine, the study used a novel approach to look at health impacts associated with exposure to particles, 0.18 microns in diameter or smaller. A human hair is about 60 microns in diameter, or at least 300 times wider than the diameter of particles examined in the study.

The particles examined are a subset of particle pollution known as PM10 and PM2.5, particulate matter that is equal to or less than 10 and 2.5 microns in diameter.

Numerous scientific studies have linked exposure to PM2.5, which can be deeply inhaled into the airways and lungs, to a variety of problems, including premature death, especially

in people with pre-existing heart disease.

The particles used in this study, which come primarily from internal-combustion exhaust and from chemical reactions in the air, may pose a great health risk, yet relatively little is known about the emissions, exposures or health effects of these ultrafine particles. In the UC Irvine study,

Reducing particulate matter air pollution is one of California's highest public health priorities

scientists used a heating method to remove most of the organic chemical compounds from particles, leaving behind most inorganics to examine the health effects of these particles' component parts. Laboratory mice exposed to either fully intact particles or just the organic components of the particles had more rapid development of atherosclerotic plaques, compared to mice exposed to

particles without the organics. The intact particles also had other negative effects on heart health. Atherosclerosis is hardening of the arteries, a factor contributing to heart attacks.

Dr. Kleinman, professor and co-director of the Air Pollution Health Effects Laboratory from the Division of Occupational and Environmental Health, Department of Medicine, UC Irvine, was the principal investigator on the study, titled, "Cardiopulmonary Health Effects: Toxicity of Semi-Volatile and Non-Volatile Components of PM." *(continued page 3)*



HAPPY HOLIDAYS 2013

APCD Calendar

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,
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

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
Vacant, Ventura
Steve Bennett, District 1
Kathy Long, District 3
Peter Foy, District 4
John Zaragoza, District 5
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Jonathan Sharkey, Pt. Hueneme
Doug Tucker, Fillmore

Ventura County

Air Pollution Control District

669 County Square Drive, 2nd Floor
Ventura, CA 93003

Air Pollution Control Officer

Michael Villegas

Skylines

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Directory

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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

The study provides information that is significant to help the Air Resources Board expand its understanding of the role of different components of exhaust emissions so that the ARB can better target control policies. Reducing particulate matter air pollution is one of California's highest public health priorities.

ARB's Advanced Clean Cars and diesel control programs are reducing emissions of this harmful pollution. Projected emission reduction benefits associated with full implementation of ARB's Diesel Risk Reduction Plan are reductions in diesel particulate matter emissions and associated cancer risk of 85 percent by 2020, compared to 2000 levels.

Dr. Kleinman presented his findings at a seminar in October at the Cal/EPA Headquarters Building. The presentation and the report can be viewed at: <http://www.arb.ca.gov/research/seminars/kleinman2/kleinman2.htm> (source: California Air Resources Board news release)

AirLines



Solar panels at Upper Ojai Valley School

More Airstreams videos on the way. In October, the Public Information Division filmed three more Airstreams videos for the APCD website. Over 1,000 solar panels at Upper Ojai Valley School were featured. Students and teachers were interviewed about the project. At Ventura Harbor, representatives from Island Packers highlighted the environmental benefits of their company, especially their boats that bring visitors to Channel Islands National Park. And in Camarillo at Houwelings Tomatoes, CEO and owner Casey Houwelings spoke about the green practices of his operations

there. The videos will be posted online soon.

Ojai Day celebrated. The trio of APCD's Judy Willens, Alicia Stratton and Barbara L. Page were on hand at the District's booth on **Ojai Day**, October 19. Over 450 people stopped by the booth for information on local air quality and climate change.

Board Highlights. At its **November 12** meeting, the **Air Pollution Control Board** took the following actions:

- ✓ Presented a plaque to outgoing member, City of Ventura Council person **Brian Brennan**, in recognition of his outstanding service on the APCD Board for eleven years.

- ✓ **Approved New Rule 74.31, Metal Working fluids and direct-contact lubricants, and amendments to Rule 23, and directed the air pollution control officer to file a CEQA Notice of Exemption pursuant to CEQA Guidelines Section 15062.** The new Rule 74.31 will reduce reactive organic compound emissions from

the use of metalworking fluids and direct contact lubricants at machine shops, metal product and sheet metal manufacturers, and metal forging operations. The amendment to Rule 23 is a companion rule-making action that will clarify that existing sources currently exempt from APC permit requirements, including about 300 machine shops in the County, will continue to retain their permit exemption status. For more information, contact **Stan Cowen** at **645-1408**.

- ✓ **Air Quality exhibit at the Gull Wing's Children's Museum.** Approved up to \$40,000 from the public information division's outreach budget to fund an air quality exhibit for children from age two to 12 to be located at the Gull Wing's Children's Museum in Oxnard. Contact **Barbara L. Page** at **645-1415**,

- ✓ Update on **Hydraulic Fracturing** legislation by **APCO Mike Villegas**. *Highlights of Senate Bill 4 (Pavley)*
-By **January 1, 2015**, the Secretary of the Natural

Resources Agency must complete an independent scientific study on well stimulation treatments, including acid well stimulation and hydraulic fracturing. It will evaluate the hazards and risks and potential hazards and risks that well stimulation treatments pose to natural resources (i.e., air, water and land) and public, occupational, and environmental health and safety.

-By **January 1, 2015**, DOGGR shall adopt rules and regulations specific to well stimulation treatments. The regulations shall include provisions governing the construction of wells and well casings to ensure integrity of wells, well casings, and the geologic and hydrologic isolation of the oil and gas formation during and following well stimulation treatments, and full disclosure of the composition and disposition of well stimulation fluids. DOGGR is directed to consult with local air pollution control districts,

among other agencies, when developing these regulations.

-By **January 1, 2015**, DOGGR shall enter into formal agreements with local air pollution control districts, among other agencies, which clearly delineates respective regulatory authority and responsibility, and notification and reporting requirements associated with well stimulation treatments.

-By **January 1, 2016**, DOGGR must have a new website in place and in operation to report specific information related to well stimulation treatments. In the interim, an alternative internet website such as FracFocus would be used.

-Requirement for the State Water Resources Control Board, on or before **July 1, 2015**, to develop groundwater monitoring model criteria to be implemented either on a well-by-well basis or on a regional scale in order to protect all waters designated for beneficial uses, especially monitoring of groundwater that is used for drinking

water from potential impacts due to well stimulation treatment activities.

✓ Next meeting scheduled for **January 14, 2014**.

Rideshare Week prize winners from City of Simi Valley Municipal Services Center and Hi Temp Insulation in Camarillo. The employees pictured below are some of the prize winners for the drawing for Rideshare Week held Oct 7-11. Prizes included iPads, iPods and \$100 gift cards. Ventura County Rideshare Week is co-sponsored annually by APCD and the Ventura County Transportation Commission.



Left to right: T. Hernandez, C. Clint, VCAPCD's Judy Willens, A. Lopez, VCTC's Alan Holmes, A. Costes, Hi Temp's Robbie Johns, and R. Gutierrez.



The Air Zone display was at Ventura's E.P. Foster Library in November, inviting patrons to **ENTER THE AIR ZONE**. The Air Zone booklet features tips, stories, and advice on how to help air quality and the environment. The display has been exhibited at the County Government Center Hall of Administration and at the Government Center Telephone Road annex in Ventura. Contact public information manager Barbara L. Page at 645-1415 for details on hosting the display at your company or agency.

Focus on Climate Change

IPCC report says human influence on climate clear



The following is from the Intergovernmental Panel on Climate Change news release of September 27, 2013.

Human influence on the climate system is clear. This is evident in most regions of the globe, a new assessment by the Intergovernmental Panel on Climate

Change (IPCC) concludes.

It is extremely likely that human influence has been the dominant cause of the observed warming since the mid-20th century. The evidence for this has grown, thanks to more and better observations, an improved understanding of the climate system response and improved climate models.

Warming in the climate system is unequivocal and since 1950 many changes have been observed throughout the climate system that are unprecedented over decades to millennia. Each of the last three decades has been successively warmer at the Earth's surface than any preceding decade since 1850, reports the Summary for Policymakers of the IPCC Working Group I assessment report, Climate Change 2013: the Physical Science Basis, approved in September by member governments of the IPCC in Stockholm, Sweden.

"Observations of changes in the climate system are based on multiple lines of independent evidence. Our assessment of the science finds

that the atmosphere and ocean have warmed, the amount of snow and ice has diminished, the global mean sea level has risen and the concentrations of greenhouse gases have increased," said Qin Dahe, Co-Chair of IPCC Working Group I.

*Thomas Stocker, the other Co-Chair of Working Group I, said: "Continued emissions of greenhouse gases will cause further warming and changes in all components of the climate system. Limiting climate change will require **substantial and sustained reductions** of greenhouse gas emissions."*

"Global surface temperature change for the end of the 21st century is projected to be likely to exceed 1.5°C relative to 1850 to 1900 in all but the lowest scenario considered, and likely to exceed 2°C for the two high scenarios," said Co-Chair Thomas Stocker. "Heat waves are very likely to occur more frequently and last longer. As the Earth warms, we expect to see currently wet regions receiving more rainfall, and dry regions receiving less, although there will be exceptions," he added.

Projections of climate change are based on a new set of four scenarios of future greenhouse gas concentrations and aerosols, spanning a wide range of possible futures. The Working Group I report assessed global and regional-scale climate change for the early, mid-, and later 21st century. For more information, visit http://www.ipcc.ch/news_and_events/press_in_formation.shtml.

Rule Development Update

Visit www.vcapcd.org/rules_division.htm

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

Advisory Committee

Sulfur Compounds (Rule 54 – Revised) and Permit Fees (Rule 42 – Revised) On September 24, 2013, the APCD Advisory Committee considered amendments to Rule 54, Sulfur Compounds, and Rule 42, Permit Fees. Staff is proposing to add the 2010 sulfur dioxide (SO₂) National Ambient Air Quality Standard of 75 ppb SO₂ 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 SO₂ combustion emission limit by adding requirements to calculate the exhaust concentration of SO₂ 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, draft rules, and staff report may be downloaded from the District's website at http://www.vcapcd.org/rules_division.htm#54. For additional information, contact **Tyler Harris** at **805/645-1407** or tyler@vcapcd.org.

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.

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_x 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_x limit of 20 ppm. Pool heaters are still required to meet the existing NO_x 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.

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_x 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_x 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. For additional information, contact **Lyle Olson** at **805/645-1413** or lyle@vcapcd.org.

Enforcement Update

Enforcement Activities OCTOBER 2013					
Inspections	Month	Fiscal Year	Violations	Month	Fiscal Year
Asbestos Inspections	2	22			
Breakdowns Received and Investigated	14	48	Notices of Violation Issued	6	25
Complaints Received and Investigated	31	103	Cases Settled after Office Conference	2	28
Emergency Engine Verifications	0	0			
New Business	2	10			
Total: Permit/Other Inspections/Verifications	213	793	Total: Settlement/Fines	\$2,000	\$64,450

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

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

NOV No	Facility Name	Phys City	Comment	NOV Date
021182	Johanson Technology Inc.	Camarillo	Permit Condition Not Met - Catalytic Oxidizer	10/10/2013
022890	Rincon Island Ltd. Partnership	Ventura		10/24/2013
022913	Circle K #2211092	Newbury Park	Non-CARB Title 17 Defect - Check Valve/LRD/B-Away	10/9/2013
023067	Roadrunner Shuttle	Camarillo	Failure To Submit Information - Gasoline Tank	10/31/2013
023214	Thompson Oil Company, Inc.	Santa Paula	Operating Without A Permit - Oilfield	10/29/2013
023215	Chevron #9-7983	Fillmore	Non-CARB Title 17 Defect - Check Valve/LRD/B-Away	10/30/2013

Engineering Update

ERC Balances by Company (Units – Tons per Year)					
As of November 18, 2013					
Company Name	ROC	NO _x	PM ₁₀	SO _x	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	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	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	2.88	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

ERC Balances by Company (Units – Tons per Year) As of November 18, 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
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
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
October 2013**

Authorities to Construct	Month	Permits to Operate	Month
Permits Requested	3	Permits Requested	19
Permits Issued	4	Permits Issued	17
Applications Under Review	26	Applications Under Review	96
Sources Holding Permits	104	Sources Holding Permits	1389

**Authority to Construct Applications Received
October 2013**

Permit	Facility	City	Project Description
00058-380	Vintage Production California	Piru	Drill Four (4) New Oakridge Wells
08203-100	Four Seasons Cleaners	Ventura	Install Chlorinated Solvent VES
08204-100	C & J Paint & Body	Oxnard	Install Auto Body Paint Spray Booth

**Authorities to Construct Issued
October 2013**

Permit	Facility	City	Project Description
00041-1500	Aera Energy LLC	Ventura	Replace Centrifuge – Lloyd Facility
00041-1520	Aera Energy LLC	Oxnard	Thirteen (13) New Wells
08180-100	Elite Metal Finishing, LLC	Oxnard	New Surface Coating Operations
08195-100	Meissner Filtration Products	Camarillo	Filter Manufacturing & Testing Facility

**Permit to Operate Applications Received
October 2013**

Permit	Facility	City	Project Description
00058-391	Vintage Production California	Piru	Rule 74.16 Four (4) Oakridge Wells
00683-161	Benchmark Electronics, Inc	Moorpark	Increase Material Usage Limits; TOO
00990-311	Seneca Resources Corporation	Fillmore	Operate Six (6) Replacement Wells
01017-191	Mandalay Onshore Facility	Oxnard	Increase Ground Flare Heat Rating
01412-141	Republic Fastener Mfg. Corp.	Newbury Park	Operate Existing Nitric Acid Tank
04145-101	Tailormade Dry Cleaners	Simi Valley	Relocated Dry Cleaning Machine
06458-101	Roadrunner Shuttle	Camarillo	Operate 2000-Gallon Gasoline AST
07768-T01	Wildfactory	Camarillo	Transfer of Ownership – AGPI
07776-T01	Camarillo Surgical Ctr Associaton	Camarillo	Transfer of Ownership – CSCA
07834-121	Ventura Hub	Ventura	Increase Diesel Engine Testing Hours Limit
07898-T01	The Bonaventure	Ventura	Transfer of Ownership – VHVP
07958-111	Oxnard Hub	Oxnard	Increase Diesel Engine Testing Hours Limit
07960-111	Santa Paula Hub	Santa Paula	Increase Diesel Engine Testing Hours Limit
07961-111	Moorpark Hub	Moorpark	Increase Diesel Engine Testing Hours Limit
07963-121	Simi Valley Hub	Simi Valley	Increase Diesel Engine Testing Hours Limit
08082-211	DCOR, LLC	Piru	Rule 74.16 – Temescal 15, 26, 28, & 31
08088-111	Baker Oil Tools	Ventura County	Two (2) Additional Portable OCS Engines
08180-101	Elite Metal Finishing, LLC	Oxnard	New Surface Coating Operations
08202-101	CL Coatings	Ventura County	Portable Blasting and Coating

**Permits to Operate Issued
October 2013**

Permit	Facility	City	Project Description
00033-241	La Conchita Oil & Gas Plant	Ventura	Add Existing Equipment – Rule 35
00053-551	Vintage Production California LLC	Santa Paula	Rule 74.16 – NR-34, YR-10, S-26, S-27
00054-312	Vintage Production California LLC	Fillmore	Operate Shiells 1P-4
00054-341	Vintage Production California LLC	Fillmore	Operate Natural Gas Engine
00058-391	Vintage Production California LLC	Piru	Rule 74.16 Four (4) Oakridge Wells
00066-321	Maulhardt Lease – Oxnard Oilfield	Oxnard	Rule 74.16 – Well S-M-G No. 1
01006-561	Naval Base Ventura County	Port Hueneme	Increase Gasoline Throughput Limit
06290-131	Caltrans Big Sycamore MS07-734	Malibu	Increase Gasoline Throughput Limit
06413-181	Costco Wholesale Corp. #128	Simi Valley	Install Three (3) Additional Dispensers
07768-T01	Wildfactory	Camarillo	Transfer of Ownership – AGPI
07776-T01	Camarillo Surgical Ctr. Assoc	Camarillo	Transfer of Ownership – CSCA
08077-131	Weatherford U. S., L.P.	Ventura County	One (1) Additional Portable OCS Engine
08146-111	Latina Rustico Wood Floors	Oxnard	Increase Coating Throughput Limit
08198-101	City of Camarillo – Fleet Services	Ventura County	Three (3) Portable Diesel Engines
08199-101	WM J Matson Company	Ventura County	Portable Architectural Coating Operations
08201-111	DNBG Lease Oxnard Oil Field	Oxnard	Rule 74.16 – Well DNBG No. 1
08202-101	CL Coatings	Ventura County	Portable Blasting and Coating

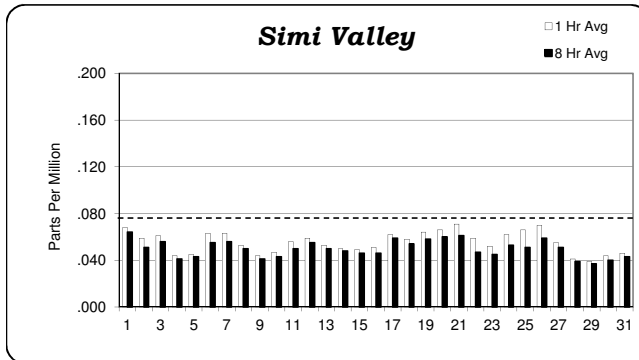
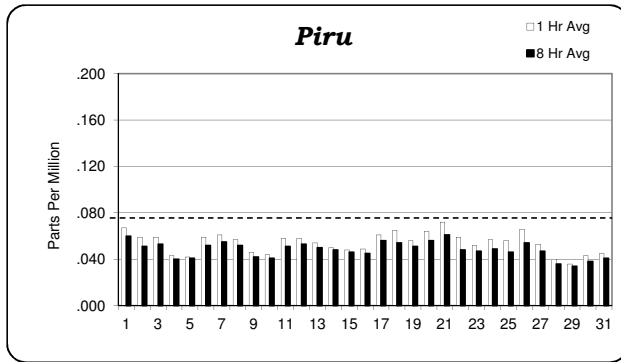
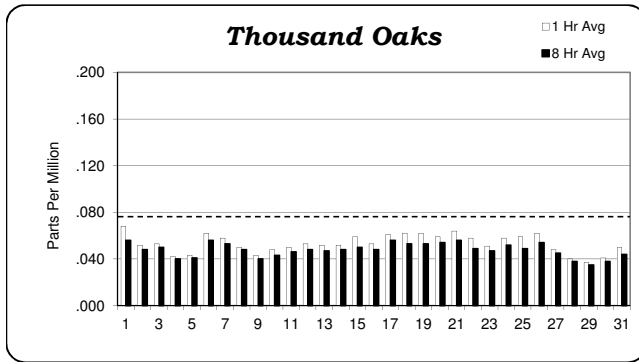
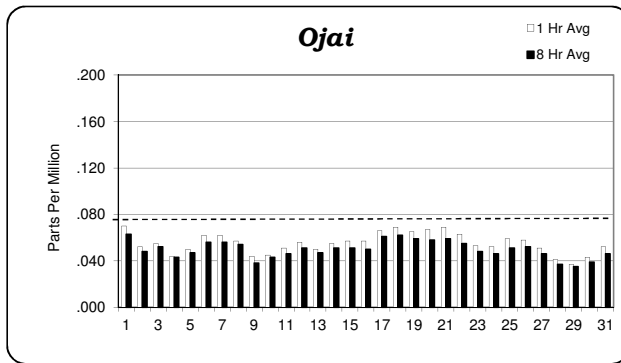
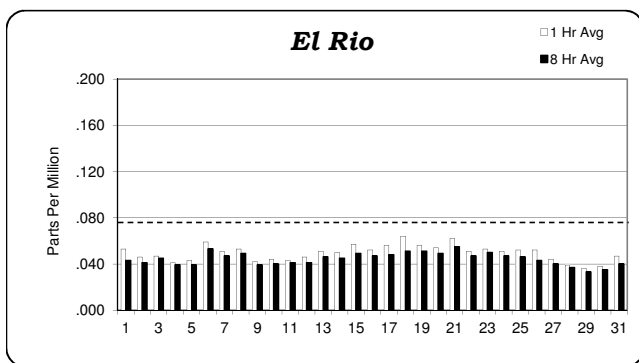
Ozone Report

OCTOBER 2013

The levels of the California 1-hour standard, the National 8-hour standard, and the California 8-hour standard were not exceeded in October. The maximum 1-hour average was .072 ppm at Piru; the maximum 8-hour average was .064 ppm at Simi Valley.

OZONE DATA THROUGH 11/19/2013

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	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.