

SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

SEPTEMBER 2008

CO₂ is not alone

This brief excerpt is from the spring 2008 Health and Clean Air Newsletter edited by Curtis Moore and is reproduced with permission from the editors. The entire article can be found at www.healthandcleanair.org.

The Earth is, in the words of one prominent climatologist, “perilously close to dramatic climate that could run out of control.”

Carbon dioxide (CO₂), created when carbon rich fuels like coal, oil, gasoline, and diesel are burned, is considered the most dangerous of the greenhouse gases, mostly because there is an immense amount of it, and billions of sources. But other greenhouse pollutants are also important. . . many consider the most important of the non-CO₂ greenhouse gas pollutants to be methane (CH₄), or natural gas.

Largely overlooked until recently, more and more studies suggest that black carbon, or soot, may be a much more powerful – and, fortunately, easily eliminated, cause of global warming than previously believed. Researchers from the Scripps Institute of Oceanography and the University of Iowa, concluded that fine particles of carbon – produced by cooking fires, burning vegetation, industrial processes and diesel engines –

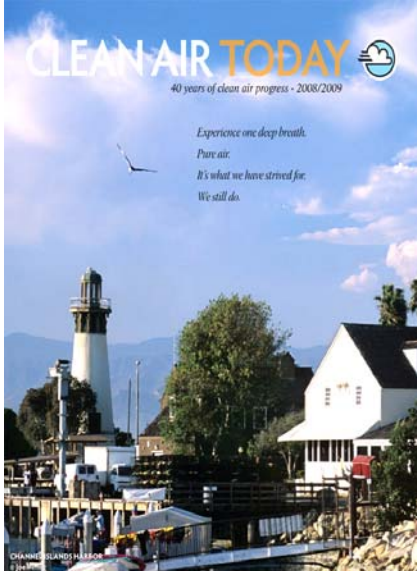



could be up to 55 percent as potent as CO₂ in warming the planet. If correct, that would place the warming effect of soot at two to four times more powerful than estimated by the recent report of the Intergovernmental Panel on Climate Change and ahead of other major greenhouse gases, including methane, chlorofluorocarbons, nitrous oxide and tropospheric ozone. The conclusions were based on examination of recent data collected by satellites, aircraft and measurements at the Earth’s surface.

Black carbon, like smog, has a disproportionate impact on snow and ice, especially in the Arctic. Two other pollutants of major importance are carbon monoxide (CO) and oxides of nitrogen (NOx). The official estimated of methane’s contri-

bution to global warming place it as about 15 percent, but some scientists conclude that it is roughly twice that amount, up to a third of all climate warming between the 1750s and today. . .

(continued page 3)



CLEAN AIR TODAY 
40 years of clean air progress - 2008/2009

*Experience one deep breath.
Pure air.
It's what we have strived for.
We still do.*

Look for our 40th anniversary supplement in the Ventura County Star on September 14.



APCD Calendar

AIR POLLUTION CONTROL BOARD

September 9, 2008

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

APCD ADVISORY COMMITTEE

September 23, 2008

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

CLEAN AIR FUND ADVISORY COMMITTEE

As needed
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

October 15, 2008

Wednesday, 10:00 a.m.
Santa Barbara APCD
260 North San Antonio Road
Santa Barbara

For more information, call Mike Villegas at 805/645-1440.

APCD RULE WORKSHOPS

See Rule Update section.

AIR POLLUTION CONTROL BOARD

Kathy Long, District 3, **Chair**
Brian Brennan, San Buenaventura, **Vice-Chair**
Steve Bennett, District 1
Linda Parks, District 2
Peter Foy, District 4
John K. Flynn, District 5
Jonathan Sharkey, Pt. Hueneme
Thomas Holden, Oxnard
Mike Morgan, Camarillo
Paul Miller, Simi Valley

VENTURA COUNTY

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SKYLINES

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Desktop Publishing—Kristine Graves

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 645-1417
Permit renewal 645-1404
Public information 645-1415
Smoking Vehicle
 Hotline 800/559-SMOG
Email address: info@vcapcd.org

The light-absorbing carbons

For centuries, when breathers complained of air pollution what they almost universally had in mind was soot, the black material in smoke from wood and coal fires. It was nasty enough in 13th century England for the King to ban the burning of so-called sea coal, the dirtiest sort of that fuel, and enforce the prohibition through capital punishment.

Formed when coal, oil, wood and other fuels are burned incompletely, the darkest component of soot, black carbon (BC), has a relatively short lifetime in the atmosphere—by some estimates from six to ten days—because it is washed out by rain or other precipitation into or onto soil, oceans, snow and ice. Black carbon is extremely resistant to breakdown by heat, chemicals or organisms, so it can reside for hundreds to thousands of years, acting as an enormous sink for carbon. It is found virtually everywhere, even at remote and seemingly pristine islands. Between 35 to 80 percent of total carbon in the air is in the submicron, or exceedingly fine, fraction, which is the most dangerous from a health perspective. For one specific type of black carbon, diesel soot, 99.5 percent of the particles are either ultrafine (less than one-tenth of a micron (millionth of a meter) or fine (0.1-2.0 microns).

Most pollutants cause global warming by trapping heat from the Earth's surface, preventing it from being radiated into space. Black carbon causes warming by darkening things—droplets of cloud water, for example—and thus causing them to absorb incoming sunlight. The effect is

particularly pronounced in snowy and icy environments, including the polar regions of the south, as well as the north, where deposition in the early 20th century was so great that the warming effect was roughly 3 watts per square meter, or eight times the typical pre-industrial level. Some climatologists calculate that black soot may be responsible for 25 percent of observed global warming over the past century. Some pollutants, especially sulfates, formed when sulfur-rich fuels like coal and oil are burned, have a cooling effect.

In some regions they overwhelm the warming caused by greenhouse pollutants to cause cooling, which alters regional or local scale environments. The largest total elemental (EC) and organic carbon (OC) emissions occur over China, but the largest OC emission per unit surface area occur over India. Increased summer flooding in south China, drought in north China, and moderate cooling in China and India are attributed by scientists to the mix of warming and cooling pollutants.

Delving into the literature can be a confusing and frustrating exercise because there is a wide variety of carbons—black, brown, elemental, apparent, and evident, to name but five—and they can have different properties in air, water, soil, snow and ice. Then, there are the pollutants that contain carbon—diesel exhaust, aircraft and power plant plumes, and smoldering fires, to again name but a few.

That black and other carbons cause global warming is generally accepted. . .

If sources of (methane) and (ozone) precursors were reduced in the future, the change in climate forcing by (noncarbon dioxide [CO₂] Greenhouse Gases) in the next 50 years could be zero. Combined with a reduction of black carbon emissions and plausible success in slowing CO₂, this reduction . . . could lead to a decline in the rate of global warming, reducing the danger of dramatic climate change.

***James Hansen, NASA
Goddard Institute for
Space Studies***

Airlines



A breathtaking evening. The District's new film, **AIR – THE SEARCH FOR ONE CLEAN BREATH** is scheduled for its Ventura County premiere in

Ojai on the evening of **September 24**. Since seating is limited, this screening is by invitation only. For information call **805/662-6984**.

Some 40th anniversary stats. Since the APCD is celebrating its 40th birthday this year, look how things have changed over the years.

APCD employee positions in **1968: 7**

APCD employee positions in **2008: 53**

Days over the federal 1-hour ozone standard in **1973: 125**

Days over the federal 1-hour ozone standard in **2002: 0**

Pages in the APCD Rulebook in **1968: 16**

Pages in the APCD Rulebook in **2008: 740**



on climate change

Don Price, an engineer with the District, has been going out into the community and giving our global climate change presentations.

My talk on Global Climate Change, part of the District's Speakers Bureau, took off with great fanfare in January of this year and has reached over 700 people so far. I've made seventeen power-point presentations before service organizations, neighborhood councils and student groups. Each one has been a great experience for me, and, I hope, for my audience as well.

I cover many basic points on the climate change issue, including its world-wide effects, evidence of human involvement in climate change, response to climate change from federal, state and local governments, and personal actions everyone can take to reduce climate change. Something new is always happening in many of these areas, so I'm constantly updating the presentation. For instance, I talk about the significant progress the California Air Resources Board continues to make in it's implementation of the Global Warming Solutions Act of 2006. Also, the reality of \$4 (or more) per gallon gasoline has brought home the necessity of reducing vehicle miles traveled, a focal point of the presentation. I also include a "question and answer" session as part of the presentation.

Since summer's almost over, it's time to start thinking about booking a 20-minute presentation for the fall. Contact me at **805/645-1407** or Barbara L. Page at **805/645-1415** to schedule a presentation in October or later. Hope to see you then!



Engineering Update

Visit http://www.vcapcd.org/engineering_division.htm

Permit Activities JULY 2008			
Authorities to Construct	Month	Permits to Operate	Month
Permits Requested	7	Permits Requested	38
Permits Issued	5	Permits Issued	51
Applications Under Review	32	Applications Under Review	85
Sources Holding Permits	61	Sources Holding Permits	1452
Average Turnaround Time	9.3 Weeks	Average Turnaround Time	12.3 Weeks

Authority to Construct Applications Received JULY 2008			
Permit	Facility	City	Project Description
00180-130	Clark Engineering Construction	Ventura	Powder Coating Operations
00997-390	Naval Base Ventura County	Point Mugu	Replacement Sweeper Diesel Engine
08005-100	Team Remodeling, Inc.	Newbury Park	Wood Coating Operations
08007-100	DCOR, LLC	Piru	Two Exploratory Wells
08008-100	Mission Rock Rodd Asphalt Mixing	Santa Paula	Asphalt Concrete Plant
08009-100	Harvey-Snyder Lease	Santa Paula	Exploratory Oil Well Project
08013-100	Former Shell Service Station	Oxnard	Vapor Extraction System

Authorities to Construct Issued JULY 2008			
Permit	Facility	City	Project Description
01491-270	Platform Gina	Offshore of Ventura	Additional Oil Well
07896-100	Former ExxonMobil #18-LD3	Thousand Oaks	Vapor Extraction System
07995-100	DCOR, LLC	Piru	Drill New Exploratory Wells
08002-100	Former Texaco Service Station (VES)	Ventura	Vapor Extraction System
08005-100	Team Remodeling, Inc.	Newbury Park	Wood Coating Operations

Permit to Operate Applications Received JULY 2008			
Permit	Facility	City	Project Description
00008-571	Vintage Production California LLC	Ventura	74.16 Exemption - Four Wells (Revised)
00029-351	Imation Corp.	Camarillo	Part 70 Administrative Amendment
00041-973	Aera Energy LLC	Ventura	Operate New Wells
00041-993	Aera Energy LLC	Ventura	Operate New Wells
00126-141	Ventura College	Ventura	Existing Emergency Diesel Engine
00157-221	Int'l Paper, Hueneme Paper Mill	Oxnard	Part 70 Administrative Amendment - TOO
00166-T01	International Paper	Santa Paula	Transfer of Ownership - IP
00214-181	E.F. Oxnard LLC	Oxnard	Part 70 Administrative Amendment
00263-131	Saticoy Lemon Association/Plant #4	Oxnard	Modify Emergency Engine Use
00386-T02	Crimson Pipeline, L.P.-Piru Station	Piru	Transfer of Ownership - Crimson
00387-T02	Crimson Pipeline, L.P.	Santa Paula	Transfer of Ownership - Crimson
00520-471	SolarWorld Industries America LP	Camarillo	Expand Thick Film Process
00592-T03	Supercraft Auto Body	Oxnard	Transfer of Ownership - OBW
00638-T02	101 Collision LP	Simi Valley	Transfer of Ownership - 101
01006-361	Naval Base Ventura County	Port Hueneme	Operate E85 Fuel Tank
01311-181	Technicolor Home Entertainment	Camarillo	Correct Emergency Engine Specifications
01381-361	Amgen Inc.	Thousand Oaks	Increase Boiler Use - Building 31
01405-121	Interlink Electronics Inc.	Camarillo	Existing Printing Presses
01494-301	Platform Gail	Offshore of Ventura	Drill New Oil Wells
04128-T01	Leonard's Cleaners #4	Oak Park	Transfer of Ownership - YRP
05494-131	Arco Facility #01701	Ventura	Phase II EVR with ISD
05808-121	Ojai Chevron #9-0478	Ojai	Phase II EVR with ISD
06282-121	Saif's Food Mart	Fillmore	Phase II EVR with ISD
06347-T02	Market Street Auto Center	Ventura	Transfer of Ownership - A.T.
06448-101	Lake Piru Recreational Area	Piru	Aboveground Gasoline Tank
07142-T01	International Paper	Camarillo	Transfer of Ownership - IP
07299-111	Wilwood Engineering	Camarillo	Existing Automotive Coating Operations
07352-T01	CEMEX Construction Materials, L.P.	Oxnard	Transfer of Ownership - CEMEX
07528-121	CSU - Channel Islands	Camarillo	New Emergency Engine
07673-T01	South Mountain Site - KBEH-TV	Santa Paula	Transfer of Ownership - Hero
07896-101	Former ExxonMobil Station #18-LD3	Thousand Oaks	Vapor Extraction System
07911-111	Former Punjab Oil Company (VES)	Oxnard	Modify Monitoring Frequency
07948-T01	Crimson Pipeline, L.P.	Fillmore	Transfer of Ownership – Crimson

Continued Permit to Operate Applications Received JULY 2008			
Permit	Facility	City	Project Description
08004-101	First California Bank	Westlake Village	New Emergency Diesel Engine
08010-101	Conejo Valley Surgery Center	Newbury Park	New Emergency Diesel Engine
08011-101	Mission Oaks	Camarillo	Existing Emergency Diesel Engines
08012-101	Deckers Outdoor	Camarillo	Existing Fire Pump Engines
08014-101	Quinn Power Systems	Ventura County	Portable OCS Engine

Permits to Operate Issued JULY 2008			
Permit	Facility	City	Project Description
00008-561	Vintage Production California LLC	Ventura	Rule 74.16 Exemption - Four Wells
00008-571	Vintage Production California LLC	Ventura	74.16 Exemption - Four Wells (Revised)
00041-1011	Aera Energy LLC	Ventura	Rule 74.16 - 984 Revised
00164-T01	Lawrence Business Center	Newbury Park	Transfer of Ownership - LBCLP
00166-T01	International Paper	Santa Paula	Transfer of Ownership - IP
00232-401	Santa Susana Field Laboratory	Simi Valley	Consolidate Permit Nos. 00232 and 00271
00592-T03	Supercraft Auto Body	Oxnard	Transfer of Ownership - OBW
00638-T02	101 Collision LP	Simi Valley	Transfer of Ownership - 101
00997-381	Naval Base Ventura County	Point Mugu	Replacement Crane Diesel Engine
01207-391	Naval Base Ventura County	San Nicolas Island	Engine Replacement Project
01207-401	Naval Base Ventura County	San Nicolas Island	Establish Power Plant Operating Limit
01207-411	Naval Base Ventura County	San Nicolas Island	Existing Portable Gasoline Engine
01291-421	Skyworks Solutions, Inc.	Newbury Park	Operate New Wafer Fab Tools
01338-131	P.W. Gillibrand Co., Inc.	Simi Valley	Existing 96 BHP Screening Plant and Engine
01338-191	P.W. Gillibrand Co., Inc.	Simi Valley	Reduce Emissions - Bank ERC's
01338-201	P.W. Gillibrand Co., Inc.	Simi Valley	Revise CO Emissions - Source Test Results
01395-231	Simi Valley Landfill	Simi Valley	Part 70 Reissuance Application
01492-331	Platform Gilda	Offshore of Ventura	Additional Work Boat
04128-T01	Leonard's Cleaners #4	Oak Park	Transfer of Ownership - YRP
05494-131	Arco Facility #01701	Ventura	Phase II EVR with ISD
05498-141	Arco Facility #06119	Simi Valley	Phase II EVR with ISD
05673-141	Chevron #9-0576	Ventura	Phase II EVR with ISD

**Continued
Permits to Operate Issued
JULY 2008**

Permit	Facility	City	Project Description
05682-151	Shell #136232	Ventura	Phase II EVR with ISD
05696-151	Shell #68632	Ventura	Phase II EVR with ISD
05710-141	USA Gasoline #68233	Ventura	Phase II EVR with ISD
05719-141	Arco Facility #09529	Ventura	Phase II EVR with ISD
05795-181	Shell #136233	Ventura	Phase II EVR with ISD
05808-121	Ojai Chevron #9-0478	Ojai	Phase II EVR with ISD
06282-121	Saif's Food Mart	Fillmore	Phase II EVR with ISD
06287-151	Rice Shell	Oxnard	Increase Gasoline Throughput Limit
06347-T02	Market Street Auto Center	Ventura	Transfer of Ownership - A.T.
07067-161	Ventura County Star	Camarillo	Additional Printing Press
07142-T01	International Paper	Camarillo	Transfer of Ownership - IP
07382-131	Teledyne Imaging Sensors	Camarillo	Increase Material Consumption Limit
07453-111	Peach Hill Soils, Inc.	Moorpark	Existing Diesel Engine
07491-121	Robbins Auto Top Co., Inc.	Oxnard	Modify Material Usage Limits
07518-121	Fremont Square (VES)	Oxnard	Modify Monitoring Condition
07673-T01	South Mountain Site - KBEH-TV	Santa Paula	Transfer of Ownership - Hero
07835-111	Sumox Auto Bistro (VES)	Oxnard	Modify Monitoring Condition
07898-111	The Bonaventure	Ventura	Increase Hours - Emergency Engine
07933-101	USA Gasoline #81 (VES)	Ventura	Vapor Extraction System
07943-101	Ojai Valley Athletic Club	Ojai	Existing Swimming Pool Heaters
07945-101	Former Newbury Park Facility	Newbury Park	Operate Vapor Extraction System
07947-101	76 Station #5066 (VES)	Thousand Oaks	Operate Vapor Extraction System
07983-101	Oxnard College (VES)	Oxnard	Soil Vapor Extraction System
07984-101	Anacapa Soda Blasting	Oxnard	Surface Coating and Sandblasting
07985-101	Envel Design Corporation	Newbury Park	Polyester Resin Products Manufacturing
07996-101	Aerovironment, Inc.	Simi Valley	New Emergency Diesel Engine
08000-101	California Prop. Holdings III, LLC	Camarillo	New Emergency Engine
08003-101	S.L. Shaw Co., Inc.	Oxnard	Portable Crane Engine
08006-T01	Lakeview Corporate Center	Thousand Oaks	Transfer of Ownership - LCC

ERC Balances by Company (Units – Tons per Year) As of August 6, 2008					
Company Name	ROC	NOx	PM ₁₀	SOx	Limitation
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	5.15	0.00	0.00	No
Amgen, Inc.	0.11	0.00	0.07	0.01	Yes
Berry Petroleum Company	6.24	0.00	0.00	0.00	Yes
C. D. Lyon	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
Cook Composites & Polymers Co.	0.71	0.00	0.00	0.00	Yes
Costco Wholesale Corporation	9.55	0.00	0.00	0.00	Yes
Dos Cuadras Offshore Resources	2.09	0.19	0.00	0.00	No
Dos Cuadras Offshore Resources	0.00	0.00	0.18	0.02	Yes
Equilon California Pipeline Co. LLC	6.93	0.00	0.00	0.00	No
GF Health Products, Inc.	0.54	0.51	0.03	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
Halaco Engineering Company	0.64	0.00	0.00	0.02	Yes
Hanson Aggregates	0.00	0.00	0.69	0.00	Yes
Hunter Resources Development	0.09	0.01	0.01	0.00	No
KTI Engineers & Constructors	0.00	0.00	1.50	0.00	Yes
Mirada Petroleum, Inc.	0.05	0.00	0.00	0.00	Yes
Naval Base Ventura County	2.58	0.14	3.90	0.04	No
Naval Base Ventura County	0.28	5.90	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
Oryx Energy Company	2.48	0.00	0.00	0.00	No
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 Custom Materials, Inc.	0.00	0.00	0.69	0.00	No
Pacific Operators Offshore LLC	0.30	1.77	0.09	0.02	No
Parker Advanced Filtration	7.67	0.00	0.00	0.00	No
Procter & Gamble Paper Products	45.84	22.17	19.71	0.00	No
Procter & Gamble Paper Products	0.00	0.00	3.44	0.00	Yes
PTI Technologies, Inc.	0.25	0.00	0.00	0.00	No
PTI Technologies Inc.	0.40	0.00	0.00	0.00	Yes
Reichhold Chemicals, Inc.	0.00	0.10	0.00	0.00	No
Reliant Energy Mandalay, Inc.	0.27	0.47	0.76	0.01	Yes
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
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
Solar World Industries American LP	0.51	0.00	0.00	0.00	No
Solar World Industries American LP	1.06	0.00	0.00	0.00	Yes

Southern California Edison Co.	49.21	107.68	0.22	0.16	No
Continued					
ERC Balances by Company (Units – Tons per Year)					
As of August 6, 2008					
Company Name	ROC	NOx	PM ₁₀	SOx	Limitation
St. John's Regional Medical Center	0.00	0.18	0.00	0.00	No
Sully Miller Contracting Co.	0.36	1.51	3.33	0.02	Yes
Technicolor Home Entertainment	0.01	0.00	0.00	0.00	Yes
TEG Oil & Gas USA, Inc.	0.30	0.00	0.00	0.00	No
Tenby, Inc.	43.27	0.00	0.00	0.00	No
The Boeing Company	0.44	0.01	0.00	0.00	No
The Boeing Company	0.24	2.44	0.61	0.57	Yes
The Termo Company	0.02	0.00	0.00	0.00	Yes
Tri-Valley Oil and Gas	9.48	0.00	0.00	0.00	Yes
Unocal	4.45	0.00	0.00	0.00	Yes
Vaquero Energy	0.54	0.79	0.00	0.00	No
Venoco, Inc.	0.01	24.28	0.05	0.00	No
Venoco, Inc.	12.88	5.76	0.79	0.14	Yes
Ventura County APCD Board	55.00	0.00	0.00	0.00	No
Vintage Production California LLC	0.44	4.02	0.14	0.01	No
Vintage Production California LLC	3.21	95.62	0.65	0.07	Yes
Waste Management Energy Solutions	0.00	0.74	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 Forms-Permits-ERC Report) on the District website (www.vcapcd.org). If you have any questions, please contact Kerby E. Zozula of the Engineering Division at 805/645-1421.



Enforcement Update

Visit http://www.vcapcd.org/compliance_division.htm

Enforcement Activities JULY 2008					
Inspections	Month	Fiscal/Yr	Violations	Month	Fiscal/Yr
Permit/Other Inspections	273	273	Notices of Violation Issued	32	32
Complaints Received and Investigated	19	19	Cases Settled after Office Conference	34	34
Breakdowns Received and Investigated	15	15			
Asbestos Inspections	12	12			
New Business	1	1	Settlement/Fines	\$24,150	\$24,150

Sources Operating Under Variance JULY 2008					
No.	Facility/Location	Source	Rule	End Date	Status
	No current variances				

Sources Operating Under Stipulated Conditional Order of Abatement JULY 2008					
No.	Facility/Location	Source	Rule	End Date	Status
794	Stir Crazy Coffee	Coffee Roaster	51 H&SC 41700	None	Ceased operating

Notices of Violation Issued JULY 2008				
NOV No.	Facility	City	Violation	NOV Date
020645	Apro #10	Simi Valley	CARB Title 17 Defect-PHI - V.R. System Testing Failure	7/15/2008
020646	Apro #10	Simi Valley	CARB Title 17 Defect PHI/II - V.R. System Testing Failure	7/15/2008
021646	Arco Facility #09613	Oxnard	CARB Title 17 Defect-PHI - V.R. System Testing Failure	7/2/2008
021743	Originals 22	Camarillo	Permit Condition Not Met - Spray Booth Filters	7/7/2008
021744	Originals 22	Camarillo	Permit Condition Not Met - Open Containers	7/7/2008

021745	Interlink Electronics Inc.	Camarillo	Operating Without A Permit - Screen Printing Press	7/15/2008
021746	St. John's Pleasant Valley Hospital	Camarillo	Operating Without A Permit - Emergency Engine	7/15/2008
021747	7-Eleven Store #33567	Camarillo	CARB Title 17 Defect-PHI - V.R. System Testing Failure	7/21/2008
021780	Ahern Rentals, Inc.	Oxnard	Failure To Notify - Portable Engine	7/3/2008
021781	Santa Clara Organics, LLC	Fillmore	Failure To Notify - Portable Engine	7/3/2008
021782	Sun Belt Rentals, Inc.	Northridge	Failure To Notify - Portable Engine	7/3/2008
021783	West Coast Tree Service	Oak View	Failure To Notify - Portable Engine	7/3/2008
021784	Rincon Island Ltd. Partnership	Ventura	Improper Vapor Recovery System - Vapor Recovery System	7/10/2008
021785	Pleasant Valley Field	Oxnard	Permit Condition Not Met - Oil Tanks	7/21/2008
021837	Government Center #1	Ventura	CARB Title 17 Defect-PHI - V.R. System Testing Failure	7/15/2008
021838	Victoria Oil Corp. #255523	Ventura	Operating Without A Permit - Gas Dispensing Facility	7/24/2008
021839	T & T Truck & Crane Service	Ventura	CARB Title 17 Defect-PHI - V.R. System Testing Failure	7/25/2008
021841	Victoria Oil Corp. #255523	Ventura	CARB Title 17 Defect PHI - V.R. System Testing Failure	7/30/2008
021866	Silver Oaks Cleaners	Westlake Village	Inadequate Solvent Storage - Open Waste Container	7/29/2008
021914	Guadagno & Sons Amusements	Garden Grove	Operating without a permit-Portable Engine	7/17/2008
021916	Golden West Air Terminal	Oxnard	CARB Title 17 Defect-PHI - V.R. System Testing Failure	7/2/2008
021917	Concordia Resources Inc.	Fillmore	Improper Vapor Recovery System - Vapor Recovery System	7/17/2008
021919	Crimson Pipeline, L.P.	Fillmore	Operating Without A Permit - Oilfield Pit	7/30/2008
021920	Southern California Edison Co.	Ventura	CARB Title 17 Defect PHI/II - V.R. System Testing Failure	7/31/2008
021957	Oxnard Valero	Oxnard	V.R. Testing Failure - Static Testing	7/1/2008
021959	Shell #68579	Oxnard	V.R. Testing Failure - Static Testing	7/2/2008
022006	Platform Grace	Offshore of Ventura	Permit Condition Not Met - Excess NOx Emissions	7/3/2008
022008	Vintage Production California LLC	Santa Paula	Failure To Submit Report - Sulfur Content	7/24/2008
022009	Sespe Lease Inc Hamp Fee Lease	Santa Paula	Failure To Submit Report - Sulfur Content	7/24/2008
022010	Adams Petroleum Aguirre Lease	Piru	Failure To Submit Report - Sulfur Content	7/24/2008
022011	Thompson Oil Company, Inc.	Santa Paula	Failure To Submit Report - Sulfur Content	7/24/2008
022051	Camarillo Chevron	Camarillo	CARB Title 17 Defect PHI/II - V.R. System Testing Failure	7/23/2008



Rule Development Update

Visit www.vcapcd.org/rules_division.htm

Air Pollution Control Board

New Source Performance Standards, and National Emission Standards for Hazardous Air Pollutants (Rule 72 and Rule 73 - revised). On September 9, 2008, at 11:00 a.m., the Air Pollution Control Board will hold a public hearing to consider proposed amendments to Rules 72 and 73. The amendments will update the District's incorporation by reference of federal standards. For additional information, contact **Don Price** at **805/645-1407** or don@vcapcd.org.

Notice to Comply (Rule 230 - revised). On September 9, 2008, at 11:00 a.m., the Air Pollution Control Board will hold a public hearing to consider proposed amendments to Rule 230. The proposal will delete references to state Health and Safety Code that was in effect only until January 1, 2006. For additional information, contact **Don Price** at **805/645-1407** or don@vcapcd.org.

Advisory Committee

Motor Vehicle and Mobile Equipment Coating Operations (Rule 74.18- revised): On September 23, 2008, the Advisory Committee will consider proposed amendments to Rule 74.18. The proposal is based on a Suggested Control Measure (SCM) adopted by the California Air Resources Board on October 20, 2005.

As a non-attainment area for both federal and state ozone air quality standards, Ventura County is required to adopt all feasible measures, such as the SCM, to reduce reactive organic compound emissions. The draft staff report and draft amended rule are available on the District's website. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

Public Consultation Meeting

Emissions Banking for Agricultural Pump Engines (Rule 26.4.1 - new): On August 12, 2008, District staff held a public meeting to discuss the development of a new rule that will establish a procedure for banking surplus agricultural pump engine emission reductions. These engines are currently exempt from the requirement to hold a Permit to Operate.

Emission banking will be allowed only when fuel use and hours of operation data is available and may require deed restrictions to ensure that

banked emissions are permanently reduced. Also under consideration is a requirement for confirmation that the land serviced by a subject pump will remain in agricultural production for the foreseeable future. The proposal expands on the requirements of Rule 26.4, Emissions Banking, which is part of Rule 26, New Source Review. Although Rule 26.4 enables the banking of emission reductions from equipment exempt from permit, the EPA has stated that agricultural pump engine emissions reductions will not be recognized unless Rule 26.4.1 (or a similar proposal) is adopted.

Initial information appears on the District's website. For additional information, contact **Don Price** at **805/645-1407** or don@vcapcd.org or **Kerby Zozula** at **805/645-1421** or kerby@vcapcd.org.

Recent Board Actions

Fugitive Dust (Rule 55 – New): On June 10, 2008, in a hearing continued from May 13, 2008, the Air Pollution Control Board adopted new Rule 55, which regulates fugitive dust emissions from construction operations, bulk material handling operations, off-field agricultural operations and track-out onto paved roadways. For additional information, contact **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

Permit Fees (Rule 42 – Revised): On April 8, 2008, the Air Pollution Control Board adopted revisions to Rule 42. The revisions include an 8 percent increase in permit renewal fee rates, effective July 1, 2008. For permit holders paying the minimum fee, this revision will result in a fee increase of no more than \$38.00 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 and to maintain APCD reserve funds at a level of four to six months of operating expenses. For additional information contact **Don Price** at **805/645-1407** or don@vcapcd.org.

Soil Decontamination Operations (Rule 74.29, Rule 44, and Rule 23 – Revised): On April 8, 2008, the Board adopted revisions to Rule 74.29. The revisions expand the rule to include requirements

for the excavation, transportation, and handling of contaminated soil. These changes are required because, under the provisions of Health and Safety Code section 40914(b)(2), staff is required to demonstrate that the District's plan to attain the California ambient ozone standard provides for expeditious implementation of "every feasible measure" to reduce ozone precursor emissions (including reactive organic compounds, or ROC). In addition, rule language was clarified and definitions were added and changed.

Due to the deletion of an exemption from Rule 74.29, Rule 23.F.23 was revised and Rule 44.B.4 was deleted. 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.

Surface Coating of Metal Parts and Products (Rule 74.12 – Revised): On April 8, 2008, the Board adopted revisions to Rule 74.12. The revisions include a lower ROC limit for general air-dry one-component coatings (2.3 lb/gal) and a new multi-component coating category at 2.8 lb/gal. Also, a special category for lab furniture coatings was deleted. In addition, a requirement to use low-emission cleanup solvents for spray gun and general purpose cleanup was adopted. ROC content is limited to no more than 25 grams per liter (g/l), or 0.21 lb/gal. The effective date for these revisions is 90 days after adoption by the Air Pollution Control Board, or July 8, 2008.

The revisions will reduce actual ROC emissions by approximately 19 percent, or 6.64 tons per year (tpy). About 36 percent of the emission reduction (2.40 tpy) results from the change in coating requirements. The remaining 64 percent (4.24 tpy) results from the proposed 25 g/l threshold for cleaning solvents.

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

Compliance Dates

July 8, 2008

Surface Coating of Metal Parts and Products (Rule 74.12 – Revised): Revisions to Rule 74.12 become effective 90 days after adoption, or July 8, 2008. The revisions include a lower ROC limit for general air-dry one-component coatings (2.3 lb/gal) and a new multi-component coating category at 2.8 lb/gal. In addition, a requirement to use cleanup solvents with an ROC content of no more than 25 grams per liter (g/l), or 0.21 lb/gal, becomes effective. For additional information, contact **Don Price** at **805/645-1407** or don@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.

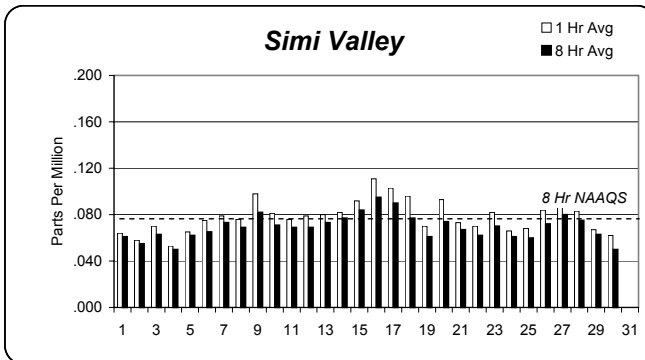
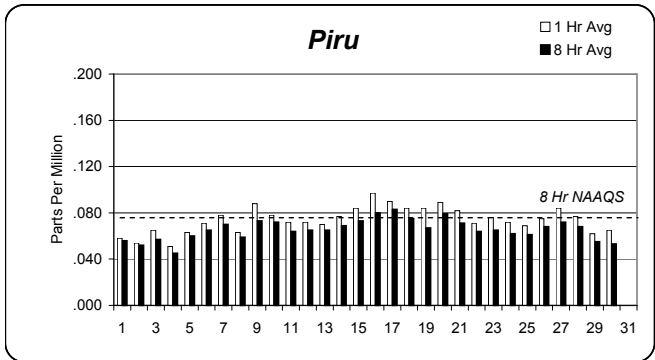
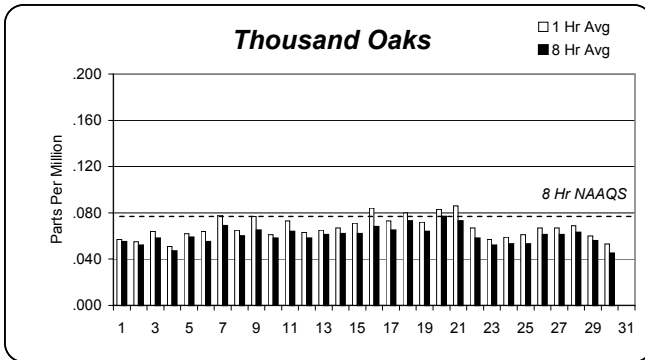
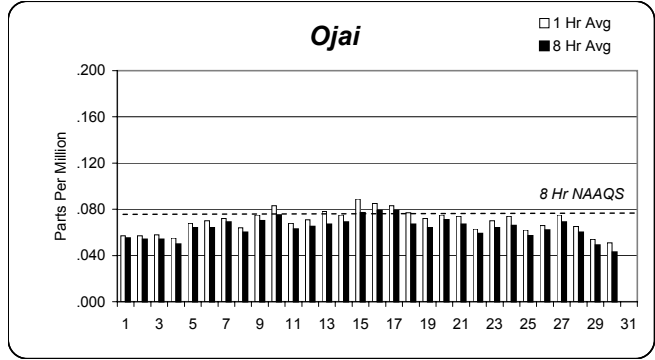
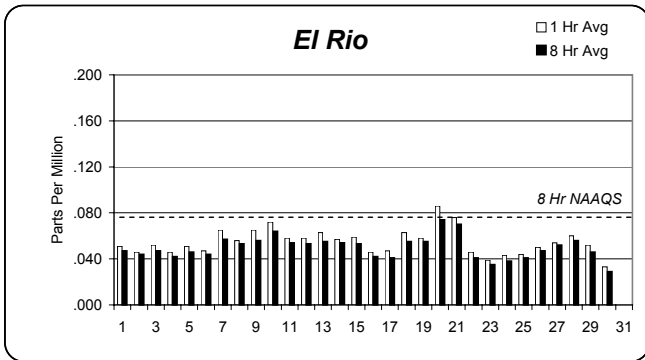
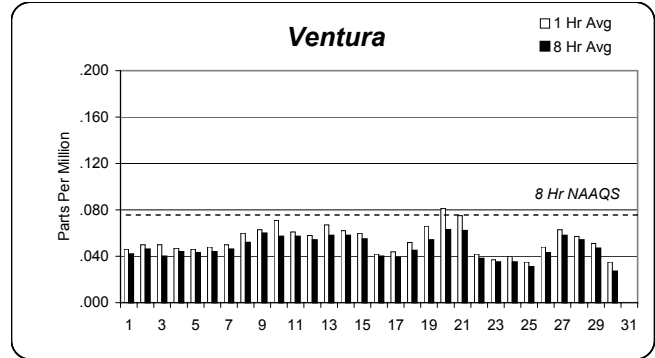
For questions on the registration program, please contact **Kerby Zozula** at **805/645-1421** or kerby@vcapcd.org. Grant money may be available from the District to replace older diesel engines with newer, compliant diesel engines, natural gas engines or electric motors. For information on District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



Ozone Report

JUNE 2008

There were no exceedances of the Federal 1 Hour standard. The California 1 Hour standard was exceeded on 5 days at Simi Valley and 1 day at Piru. The Federal 8 Hour standard was exceeded on 7 days at Simi Valley, 3 days at Ojai and Piru, and 1 day at Thousand Oaks. The California 8 Hour standard was exceeded on 13 days at Simi Valley, 9 days at Piru, 5 days at Ojai, 3 days at Thousand Oaks, and 1 day at El Rio. The maximum 1 hour average was .111 at Simi Valley; the maximum 8 hour average was .095 at Simi Valley.



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.