


SKY LINES

Monthly Report of the Ventura County Air Pollution Control District 

Greenhouse Gas Update – spring 2012

by Don Price, P.E., VCAPCD air quality engineer

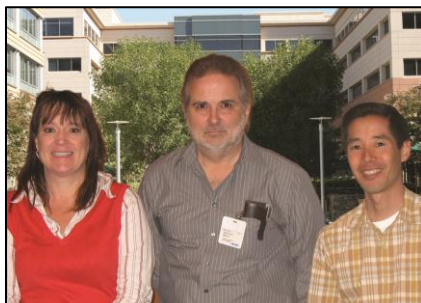
APRIL 2012

Despite a distinct lack of interest at the federal level, greenhouse gas reduction efforts are making progress in California. On January 27, the California Air Resources Board adopted new regulations that will require more zero-emission or low-emission vehicles to be available by the beginning in 2018. Also, other new cars will be required, by 2025, to reduce smog-forming pollutants by 75 percent and greenhouse gas emissions by 33 percent.

As electric vehicles become more available, retailers like Walgreens, Macy's, Kohl's and Best Buy are installing electric vehicle charging station at many locations. Although the total number of electric vehicles is still relatively small, retailers believe that chargers will enhance their "green" reputation and generate good will from consumers. This is particularly important for Generation Y consumers, who are known to want fuel-efficient, technology-packed vehicles.

In other energy news, the California Energy

Commission has set its sights on "vampire" charging systems, which consist of mostly of "wall-wart" AC to DC chargers. Up to 60 percent of the energy these systems consume is wasted in excess heat. Efforts will be taken to make these chargers more efficient. Energy efficiency is still the cheapest form of renewable energy, much cheaper than wind or solar photovoltaic.



PRICE (CENTER) WITH TANYA NUNEZ AND DARIN KUIDA FROM THE ENVIRONMENTAL HEALTH & SAFETY DEPARTMENT AT AMGEN THOUSAND OAKS. PRICE GAVE A PRESENTATION ON CLIMATE CHANGE THERE IN FEBRUARY TO OVER 90 EMPLOYEES AS PART OF THEIR GREEN BAG LUNCHEON SERIES.

Speaking of solar energy, several solar thermal power plants are either planned or under construction in the Southern California desert. Despite their isolated

locations, environmental impacts are still a concern. Both environmental and Indian cultural issues have slowed a Genesis Solar Energy Project near Blythe. In addition, progress is being made in getting these projects connected to the power grid.

Regarding the California Global Warming Solution Act of 2006 (AB32), the Air Resources Board (ARB) has met their schedule and is on track to reduce greenhouse gas emissions to 1990 levels by December 31, 2020. It remains unclear how local air districts like us will be assisting ARB in their efforts, but the District's vast knowledge of local sources of air pollution could be essential in their work to curb global climate change.

To schedule a presentation on climate change, call Price at 805/645-1407.

Continued on page 3



APCD Calendar

AIR POLLUTION CONTROL BOARD

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

Next meeting: April 10, 2012

APCD ADVISORY COMMITTEE

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

Next meeting: March 27,
2012

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.

Next meeting: June 20, 2012

APCD RULE WORKSHOPS

See Rule Update section.

Air Pollution Control Board

Kathy Long, District 3, Chair
Carmen Ramirez, Oxnard, Vice Chair
Brian Brennan
Steve Bennett, District 1
Linda Parks, District 2
Peter Foy, District 4
John Zaragoza, District 5
Mike Morgan, Camarillo
Gayle Washburn, Fillmore
Jonathan Sharkey, Pt. Hueneme

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
Desktop Publishing – Kate Miller

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
Email address	info@vcapcd.org

AirLines

STEM event: The District will participate in the *STEM EXPO: Exploration of Science, Technology, Engineering, and Math* at the **Ventura County Fairgrounds** on March 21. The annual event is open to Ventura County middle and high school students and is coordinated by **California State University Channel Islands**.

Check us out. The APCD will have a booth at the **Earthday Camarillo** celebration on April 21 from 10am until 4pm at

Camarillo Community Center. The center is located at 1605 Burnley St., Camarillo. Earthday Camarillo is organized by Camarillo Community Gardens, a non-profit group dedicated to making organic gardening opportunities available to the public. Stop by and say hello.

Thanks to **Channel Islands National Park's Tidepools to Schools Program**, 600 **Skykeeper Activity Books** will go to County school children. The District has

been partnering with the National Park for several years in educating kids on air and water quality.



Destination: Clean Air is the latest publication from the APCD. It outlines District functions and organization. If you would like a copy, call **645-1415** or you can download it from the District website.

Put your head in the clouds ...

Really. At the Ventura County Air Pollution Control District, air is our focus. Over the years we have created school programs that have taught thousands of County students about the air they breathe. Healthful air quality is a legacy to our children that we must safeguard. We can do this by teaching them the importance of clean air and what actions they can take now and in the future to ensure this natural resource is protected. Our current projects include:

- The Skykeeper Activity Book & Placemat for elementary school students.
- The Educator's Guide for the award-winning film, *Air—the Search for One Clean Breath*, available at airthefilm.org (grades 6 - 12).
- The Ventura County Climate Change Almanac for high school and college students.

Contact public information manager Barbara L. Page at barbara@vcapcd.org for more information. And keep your head in the clouds by visiting vcapcd.org.

Ventura County Air Pollution Control District
(805) 645-1400

This ad appeared on February 29 in the *winter 2012 Focus on Education* supplement in the Ventura County Star. The publication is a not for profit, informative newsletter that reflects the image, culture and philosophy of the Ventura County Office of Education. *Focus on Education* is printed and distributed countywide in the Ventura County Star and is devoted to education and education related issues that affect Ventura County. It is featured in the Star in February, June and September.

**Permit Activities
February 2012**

Authorities to Construct	Month	Permits to Operate	Month
Permits Requested	5	Permits Requested	14
Permits Issued	3	Permits Issued	26
Applications Under Review	36	Applications Under Review	80
Sources Holding Permits	93	Sources Holding Permits	1403
Average Turnaround Time	6.5	Average Turnaround Time	8.9

**Authority to Construct Applications Received
February 2012**

Permit	Facility	City	Project Description
00004-340	Vintage Production California LLC	Santa Paula	Oil Well Replacement Project
00066-250	Maulhardt Lease - Oxnard Oilfield	Oxnard	Drill New Well DEA No.1
00997-560	Naval Base Ventura County	Point Mugu	Install Phase II EVR - NEX GDF
00997-570	Naval Base Ventura County	Point Mugu	Replace Emergency Diesel Engine
07656-110	Port Hueneme Police Department	Port Hueneme	Replace Emergency Diesel Engine

**Authorities to Construct Issued
February 2012**

Permit	Facility	City	Project Description
00077-290	Vintage Production California LLC	Simi Valley	Oil Well Drilling Project
01006-520	Naval Base Ventura County	Port Hueneme	Portable Diesel Engine - Wood Chipper
07882-120	Former BJ Services (VES)	Ventura	Vapor Extraction System Replacement

**Permit to Operate Applications Received
February 2012**

Permit	Facility	City	Project Description
00004-351	Vintage Production California LLC	Santa Paula	Rule 74.16 - Two (2) Wells
00066-261	Maulhardt Lease - Oxnard Oilfield	Oxnard	Rule 74.16 - Well DEA No. 1
00322-251	Seneca Resources Corporation	Fillmore	Operate White Star Nos. 533-33 and 534-33
00984-381	Vintage Production California LLC	Fillmore	Existing Oilfield Flare
01267-211	Trustees of CSU & CSUCI Site	Camarillo	Administrative Amendment
04067-111	Sun's Cleaners	Simi Valley	Replace Dry Cleaning Machine
04134-111	Choice 1 Cleaners	Simi Valley	Replace Dry Clean Machine - Petroleum
07469-111	Camarillo Auto Body	Camarillo	Additional Paint Spray Booth
07749-131	Bruker Nano, Inc.	Camarillo	Increase Material Usage Limit
07838-111	Acacias Care Center	Ojai	Replace Emergency Engine
08022-111	Former T.W. Brown Oil Co. (VES)	Ventura	Vapor Extraction System
08082-151	DCOR, LLC	Piru	Operate Wells and Tanks
08113-101	Channel Islands Site	Port Hueneme	New Emergency Diesel Engine
08152-101	TreeScapes	Ventura County	Existing Portable Wood Chipper Engines

**Permits to Operate Issued
February 2012**

Permit	Facility	City	Project Description
00012-201	Vintage Production California LLC	Oxnard	Transfer of Ownership - Vintage
00015-391	Procter & Gamble Paper Prods.	Oxnard	Administrative Amendment - LM2500
00041-1411	Aera Energy LLC	Ventura	Rule 74.16 - Ten (10) Wells
00054-321	Vintage Production California LLC	Fillmore	Rule 74.16 Exemption Request
00058-311	Vintage Production California LLC	Piru	Increase Oil Throughput Limit
00066-231	Maulhardt Lease - Oxnard Oilfield	Oxnard	New Oil Well GM No. 1
00066-261	Maulhardt Lease - Oxnard Oilfield	Oxnard	Rule 74.16 - Well DEA No. 1
00121-121	Ivy Lawn Memorial Park	Ventura	Crematory Replacement Project
00143-141	Ventura Co. Medical Center	Ventura	New Emergency Diesel Engine
00396-331	Venoco, Inc. - West Montalvo	Oxnard	Operate Colonia No. 616
00396-371	Venoco, Inc. - West Montalvo	Oxnard	Oil Tank Modifications
00396-421	Venoco, Inc. - West Montalvo	Oxnard	Rule 74.16 - Six Wells
00821-111	Tom Anderson Guitar Works	Newbury Park	Relocate Coating Operations
00984-371	Vintage Production California LLC	Fillmore	Rule 74.16 - Six Wells
01006-511	Naval Base Ventura County	Port Hueneme	Portable Asphalt Batch Plant
01207-571	Naval Base Ventura County	San Nicolas Island	Part 70 Reissuance Application
01207-581	Naval Base Ventura County	San Nicolas Island	Increase Engine Hours - B255
01291-481	Skyworks Solutions, Inc.	Newbury Park	Revise Boiler Specifications
04084-111	Royal Cleaners	Simi Valley	Replace Dry Cleaning Machine
04134-111	Choice 1 Cleaners	Simi Valley	Replace Dry Clean Machine - Petroleum
05666-161	Carmen Auto Center	Camarillo	Increase Gasoline Throughput Limit
05704-131	California Highway Patrol	Ventura	Increase Gasoline Throughput Limit
06056-151	Offshore Gas	Oxnard	Increase Gasoline Throughput Limit
07341-161	Seminis Vegetable Seeds, Inc.	Oxnard	Additional Chemical Usage
07915-211	Hunsucker Lease	Oxnard	Equipment List Modifications
08100-101	Conejo Auto Detail & Window Tinting	Thousand Oaks	Motor Vehicle Coating Operation



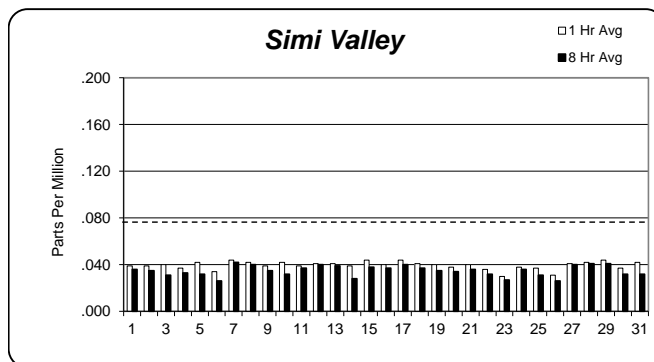
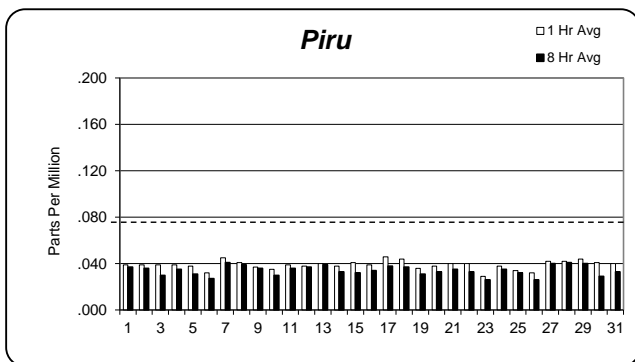
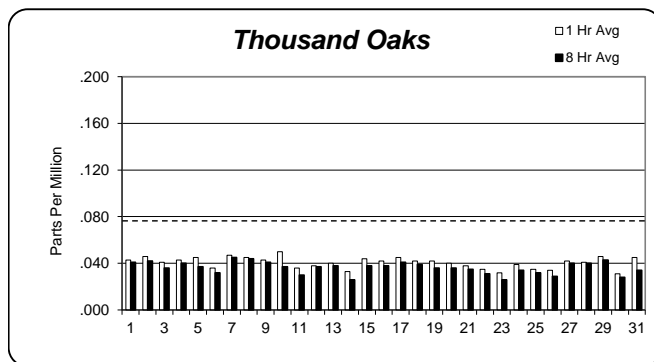
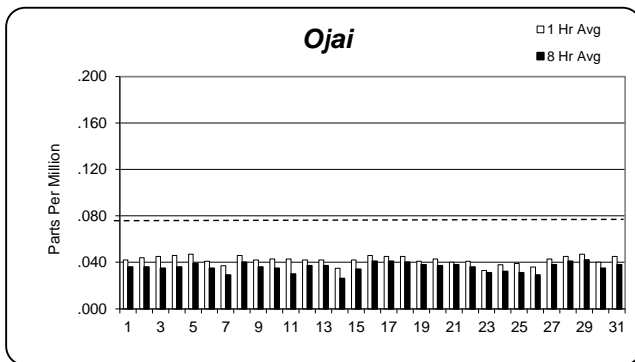
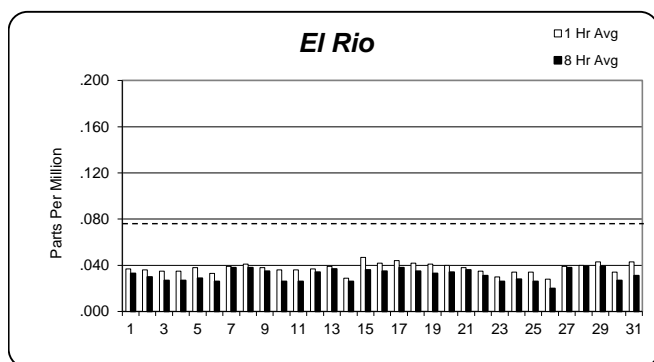
Ozone Report

JANUARY 2012

There were no exceedances of the California 1 Hour standard, the Federal 8 Hour standard, or the California 8 Hour standard. The maximum 1-hour average was .050 ppm at Thousand Oaks; the maximum 8-hour average was .045 ppm at Thousand Oaks.

OZONE DATA THROUGH 3/21/2012

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	0.059	0.053
Ojai-Ojai Avenue	0	0	0	0.068	0.060
Piru-3301 Pacific Avenue	0	0	0	0.061	0.057
Simi Valley-Cochran Street	0	0	0	0.062	0.055
Thousand Oaks-Moorpark Road	0	0	0	0.068	0.059



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.

NOV No	Facility Name	Phys City	Comment	NOV Date
021177	Simi Valley Hospital	Simi Valley	Failure To Meet Boiler Emissions - Boiler	2/16/2012
022494	Record Technology Inc.	Camarillo	Operating Without A Permit - Boiler	2/2/2012
022495	United Oil	Oxnard	Non-CARB Title 17 Defect - Failed P/V Valve Test	2/27/2012
022518	Saticoy Lemon Association/Plant #3	Santa Paula	Permit Condition Not Met - Emergency Engine	2/17/2012
022640	Santa Paula High School Auditorium	Santa Paula	Failure To Meet Boiler Emissions - Boiler	2/10/2012
022641	Aera Energy LLC	Ventura	Failure To Meet Boiler Emissions - Heater	2/16/2012
022686	Cecil Basenberg	Piru	Improper Vapor Recovery System - Vapor Recovery System	2/22/2012
022687	Rincon Onshore Facility	Ventura	CARB Title 17 Defect-PHI - Non-Certified Equipment	2/23/2012
022724	Shell #68632	Ventura	Non-CARB Title 17 Defect - Failed Wet V/L Test	2/9/2012
022775	Acacias Care Center	Ojai	Operating Without A Permit - Diesel Generator	2/8/2012
022776	Paint By Tom Baca	Ventura	Operating Without A Permit - Automobile Coating	2/14/2012
022777	Paint By Tom Baca	Ventura	Failure To Maintain Spray Booth - Paint Spray Booth	2/14/2012
022851	Rosenmund Multipurpose Drill Site	Oxnard	Open Hatch On Tank - Tank Hatch	2/29/2012



Enforcement Update

Enforcement Activities FEBRUARY 2012					
Inspections	Month	Fiscal Year	Violations	Month	Fiscal Year
Asbestos Inspections	1	41			
Breakdowns Received and Investigated	11	82	Notices of Violation Issued	13	104
Complaints Received and Investigated	6	142	Cases Settled after Office Conference	9	107
Emergency Engine Verifications	172	172			
New Business	0	10			
Total: Permit/Other Inspections/Verifications	374	1,898	Total: Settlement/Fines	\$21,900	\$133,225

Sources Operating Under Variance FEBRUARY 2012					
No./Type	Facility/Location	Source	Rule	End Date	Status
840/ Regular	GenOn West LP-Ormond Beach Generating Station	Steam Generator Unit 1	29.C, Conditions	9-30-2012	On Schedule
843/ Regular	Jean Larrivee Guitars USA Inc.	Surface Preparation Solvent	29.C, Conditions 74.30.B.5-Surface Preparation and Cleanup Solvent	1-29-2013	On Schedule

Sources Operating Under Stipulated Conditional Order of Abatement FEBRUARY 2012					
No.	Facility/Location	Source	Rule	End Date	Status
842	Ventura Regional Sanitation District-Toland Road Landfill	Landfill - Biosolids Drying Facility	29.C, Conditions	10-31-2012	On Schedule



Rule Development Update

Visit www.vcapcd.org/rules_division.htm

Public Workshop

Solvent Cleaning Requirements (Rules 74.13, 74.20, 74.24, and 74.24.1 - Revised) On February 23, 2012, the District held a public workshop on proposed revisions to the solvent cleaning requirements in Rules 74.13 (Aerospace), 74.20 (Adhesives), 74.24 (Marine Coatings), and 74.24.1 (Pleasure Craft Coatings and Commercial Boatyards). Staff is proposing to further reduce reactive organic compound (ROC) emissions from the solvent cleaning of coating or adhesive spray equipment and substrate surface preparation. This proposed rule action will implement an All Feasible Measures requirement pursuant to the California Clean Air Act (H&SC Section 40914). The purpose of this meeting is to receive public input on draft amendments to the rules. The proposed rule revisions and staff report are available on the District's website.

Please direct any comments, questions, or requests for additional information to **Stan Cowen** at **805/645-1408** or stan@vcapcd.org.

Air Pollution Control Board

Small Boilers and Large Water Heaters (Rules 74.11.1 and 74.15.1 - Revised) On June 26, 2012, at 11:00 a.m., the Air Pollution Control Board will hold a public hearing to consider proposed revisions Rule 74.11.1 (Large Water Heaters and Small Boilers) and Rule 74.15.1 (Boilers, Steam Generators and Process Heaters). Revisions to Rule 74.11.1 include lower 20 ppm NOx emission limits now in place in the South Coast AQMD. On January 1, 2013, the rule will apply to units with an input capacity of less than 1 million BTU/hr, down from 2 million BTU/hr.

A 20 ppm NOx limit for new units between 1 and 2 million BTU/hr input capacity will be added to Rule 74.15.1. All units in this size range will source test every 48 months, if required. Also, the rule will require all units to do an initial installation source test and an annual NOx and CO screening analysis.

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

Vacuum Producing Devices (Rule 67 – Repeal): On June 12, 2012, at 11:00 a.m., the Air Pollution Control Board will hold a public hearing to consider the proposed repeal of Rule 67, which limits reactive organic compound (ROC) emissions from "vacuum producing devices or systems including hot wells and accumulators." VCAPCD Rule 74.8, *Refinery Vacuum Producing Systems, Wastewater Separators And Process Turnarounds*, also regulates vacuum-producing devices. Hot wells and accumulators are not specifically mentioned in Rule 74.8, although it is clear that they would be part of the "vacuum producing system at a petroleum refinery" specified in the rule.

There is no longer a petroleum refinery in Ventura County. Also, Rule 67 has been superseded by Rule 74.8. Therefore, the District proposes to repeal Rule 67 because it is unnecessary and there are no sources to which it applies. For additional information, contact **Don Price** at **805/645-1407** or don@vcapcd.org.

Project XL (Rule 37 – Repeal): On June 12, 2012, at 11:00 a.m., the Air Pollution Control Board will hold a public hearing to consider the proposed repeal of Rule 37. The rule was adopted on September 14, 1999, to implement a "Final Project Agreement" for the EPA Project XL Program at Imation Camarillo.

Imation Camarillo ceased operation in 2008. The District and Title V permits for the facility were rendered inactive in 2009. Therefore, the District proposes to repeal Rule 37 because the single source to which it applies, Imation Camarillo, no longer exists. For additional information, contact **Don Price** at **805/645-1407** or don@vcapcd.org.

Recent Board Actions

2012 Rule Development Calendar: On January 10, 2012, the Air Pollution Control Board adopted the 2012 Rule Development Calendar. Health and Safety Code §40923(a) requires the District to publish each January 1 a list of regulatory measures scheduled, or tentatively scheduled, for consideration during the following year. Except for limited exceptions, the District may only propose

consideration of regulatory measures during a year if those measures appear on the published list.

State law does not require that the rulemaking calendar include control measures to comply with federal requirements, to abate substantial endangerment to the public health, to implement Air Toxic Control Measures published by the ARB, or to implement contingency measures after an ARB determination of inadequate progress.

The 2012 rule development calendar is available in the District's website. For additional information contact **Mike Villegas** at **805/645-1440** or mike@vcapcd.org.

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.

Compliance Dates

☒ **January 1, 2012**

Graphic Arts (Rule 74.19 – Revised): Revisions to the fountain solution ROC Content limits for lithographic operations became effective on January 1, 2012, in Rule 74.19. In addition, the vapor pressure limits were 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.

Compliance Dates, continued

☑ *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.