

Cleaning the air
that we breathe...



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SCAQMD Board Adopts Ambitious Program to Help Tackle Global Warming Through Voluntary Greenhouse Gas Reductions

On Dec. 5, the SCAQMD Governing Board adopted the SoCal Climate Solutions Exchange, a voluntary plan that will allow businesses the opportunity to invest in high-quality carbon reductions. Green jobs are expected to be created through the program and companies and individuals will be able to use these reductions to offset their "carbon footprint."

The adopted Rules 2700 and 2701 will set up the administrative structure for the initiative by providing a mechanism to recognize and quantify reductions. Rule 2701 – SoCal Climate Solutions Exchange – enables private parties to generate certified greenhouse gas emission reductions.

Proposed Rule 2702 – Greenhouse Gas Reduction Program – is expected to come before the Board for approval in early 2009. It would establish an air quality investment program where the SCAQMD could collect funds from parties that need certified emission reductions, pool those funds and use them to reduce greenhouse gases.

"This new initiative will give businesses an opportunity to invest in high-quality carbon reductions," said William A. Burke, Ed.D., SCAQMD Governing Board Chairman. "This program could also help jumpstart the kind of projects the state is looking for in terms of greenhouse gas reductions." The program is also expected to boost the local economy by creating more green jobs, added Chairman Burke who first proposed the initiative in January.

The SCAQMD will certify carbon emission reductions and register and track any exchanges. Carbon dioxide and other

greenhouse gases are the focus but the program will likely result in simultaneous reductions of smog-forming pollutants.

Reductions must meet strict criteria and businesses will be required to follow specific protocols and represent emission reductions that are in addition to any regulatory requirements. Those wishing to participate will be required to submit a plan for registration with specific information on the project.

Once certified greenhouse gas emission reductions are issued, they will be listed on the SCAQMD's website. The website will also include information on the type of reduction and location of project.

Fossil-fuel burning and other emissions including methane are now widely recognized by the scientific community as culprits behind a rapid rise in carbon dioxide levels in the Earth's atmosphere.

SCAQMD's program is being closely coordinated with the state's implementation of AB32, California's global warming emissions reduction program.

For more information, contact Jill Whynot at (909) 396-3104.



SCAQMD to Co-Sponsor Development of First-Ever CNG Drayage Trucks at Ports

to convert half of their trucks to natural gas.

"In light of a predicted rapid increase in trade at the two ports, reducing port pollution has become the number one priority for our agency," said Barry Wallerstein, SCAQMD's Executive Officer. "These CNG trucks have the potential to help provide cleaner air for the community and a cost savings to the truck operators."

Approximately 65 percent of containers being moved from San Pedro Bay ports by truck are delivered within 25 miles of the harbors. There are about 16,500 of these so-called drayage trucks that move goods from wharves to warehouses and train yards south of downtown Los Angeles.

CNG technology can provide the necessary power and range needed to make these short-haul deliveries from the port while having 33 percent lower life-cycle costs than a comparable new diesel truck.

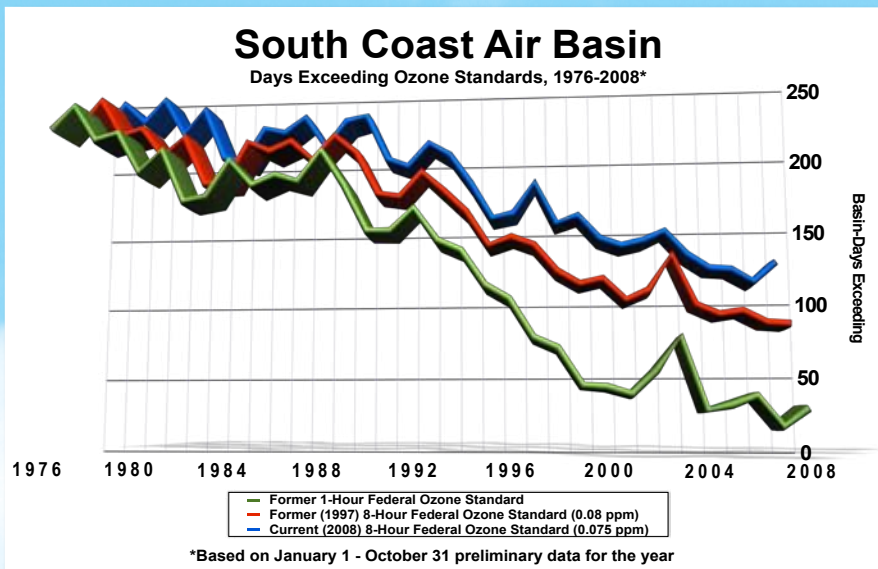
For more information, contact Matt Miyasato at (909) 396-3249.

As part of the overall effort to cut down on pollutants stemming from port activities, SCAQMD will co-sponsor the demonstration of four compressed natural gas (CNG) drayage trucks at a cost not to exceed \$421,250 from the Clean Fuels Fund. Other partners in the almost \$2-million project include SoCalGas, the Ports of Los Angeles and Long Beach, AutoCar, California Cartage Co. and L.A. Freightliner.

The project is the first to demonstrate the use of CNG in drayage trucks at the ports. A small refueling station will also be installed for the trucks' use.

Liquefied natural gas (LNG) heavy-duty trucks are already in use at the port. SCAQMD's goal is for the ports

2008 Smog Season on Par with Recent Years



The Southland's smog season this year was similar to other recent years, although the number of days of unhealthy air quality for ozone climbed slightly compared to 2007.

The Southland exceeded the federal 8-hour standard for ozone on 120 days this year compared to 108 days in 2007

and 114 in 2006.

"This year's numbers show that we need to remain diligent and aggressive in seeking all feasible means to reduce emissions and improve air quality," said William A. Burke, Ed.D., Governing Board Chairman of the South Coast Air Quality Management

District.

Weather plays a significant role during every smog season with hot, stagnant days favoring ozone formation. This year's season began with hotter-than-normal temperatures, possibly contributing to a greater number of unhealthy days.

Although smog levels in the

Southland declined dramatically during the past few decades, progress has slowed in recent years.

"With new regulations in place or expected in the near future -- particularly those targeting diesel emissions -- we hope to see air quality progress accelerate in the coming years," Burke said.

Smog season officially begins on May 1 and ends on Oct. 31. Ground-level ozone can cause short-term health effects including chest pain, coughing, and nose and throat irritation, and is linked to increased symptoms for those with asthma and bronchitis. The declining trend in 8-hour ozone concentration levels is important in protecting public health and reducing individual exposure to harmful air pollution.

For more information, contact Joe Cassmassi at (909) 396-3155.

International Maritime Organization Adopts New Rules that will Reduce Harmful Ship Emissions



The International Maritime Organization (IMO) recently adopted new rules for ocean-going ships that will significantly cut their harmful emissions and

improve air quality in Southern California.

While the new IMO standards are stronger than existing international standards, they will not provide all of the needed emission reductions for the region to attain federal air quality standards for fine particulates and ozone in a timely fashion. Therefore, the SCAQMD will pursue legislation requiring U.S. EPA to implement the most stringent IMO standards and expedite those standards in severe and extreme non-attainment areas.

The IMO standards will require all ships to use no more than 1,000 parts per million (ppm) sulfur fuel in Emission Control Areas (ECAs) by 2015. The U.S. must apply to the IMO to designate the U.S., including Southern California, as an Emission Control Area. The standard is a dramatic reduction from the sulfur content in commonly used "bunker fuel," which averages 27,000 ppm of sulfur.

Outside of ECAs, the global fuel sulfur standards will be set at to 35,000 ppm in 2012. By 2020, following a feasibility review in 2018, the standards may be dropped to 5,000 ppm.

In 2016, new ships operating in ECAs will have to be built so as to

control NOx emissions by about 80 percent. Because ships have long useful lives, significant benefits from this provision will have to wait for years, perhaps decades, unless efforts are initiated at the federal, state or local level to expedite controls. The proposed standards also establish relatively modest NOx limits for existing vessels.

Environmental and health experts predict that the health benefits from these emission reductions will be substantial, especially in port cities. It is estimated that ships account for 40 percent of all U.S. mobile-source emissions of sulfur dioxide and that they emit 745,000 tons of NOx per year.

In Southern California alone, hundreds of premature deaths per year result from exposure to fine particulate pollution from ships. According to a SCAQMD study, ship emissions also create significantly increased cancer risks for more than four million residents in many regions of Southern California. In economic terms, the savings in health costs are expected to reach billions of dollars for the United States.

The U.S. EPA has for many years been considering developing marine vessel emission standards, but has yet to adopt any rules for foreign flag vessels, which deviate from international standards. Foreign flag vessels create the vast majority of vessel pollution.

SCAQMD has previously sponsored federal legislation, S.1499 – The Marine Vessel Emissions Reduction Act – that would require the federal government to adopt tougher pollution controls for container and ocean-going ships beginning December. 31, 2010.

For more information, contact Peter Greenwald at (909) 396-2111.

Mow Down Air Pollution 2009

The 2009 Mow Down Air Pollution Electric Lawnmower Exchange Program is expected to be offered in Spring of this year. Details, such as the lawnmower specifications, dates and locations of events, will be available soon. Check the SCAQMD website, www.aqmd.gov, or sign up on SCAQMD's list-serve to be notified when registration is open.

For more information, contact Shashi Singeetham at (909) 396-3298.



Town Hall Meeting

SCAQMD, in conjunction with Resurrection Catholic Church in Los Angeles, will be holding a town hall meeting to discuss community air quality issues. The details for the meeting are as follows:

Thursday, January 29, 2009
6:30 p.m.

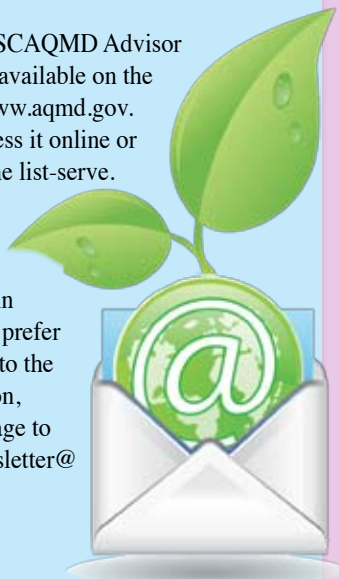
Resurrection Elementary School
Auditorium
3360 East Opal Street
Los Angeles, CA 90023

The meeting will include a presentation on local air quality and information on how the public can get involved in air quality issues. Meeting information is also available at www.aqmd.gov or at the number given below.

For more information, contact Lourdes Cordova Martinez at (909) 396-3214.

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Outdoor Open Burning Rules Amended

At its November Meeting, the SCAQMD Governing Board amended Rule 444 – Open Burning, and Rule 208 – Permit and Burn Authorization for Open Burning, to increase the information available for burning activities, to be more health protective, and to improve clarity and enforcement of the rules.

Rule 444 is designed to ensure that open burning is conducted in a manner that minimizes emissions and visible smoke. It now requires residents conducting tumbleweed burns and agencies conducting fire prevention/suppression training to call the SCAQMD (1-800-CUT-SMOG) for a burn authorization number the day prior to the burn.

Rule 208 is a companion rule that requires persons wanting to conduct open burning to obtain written permits prior to the activity.

For more information, contact David De Boer at (909) 396-2329.



Funding Available for Stationary Agricultural Engines

The South Coast Air Quality Management District (SCAQMD) is accepting applications for the 2008-09 Agricultural Assistance Program (AAP).

One million dollars is available on a first-come, first-served basis until May 29, 2009. The AAP is designed to provide financial assistance to agricultural operations that operate internal combustion engines rated over 50 horsepower that are required to comply with SCAQMD Rule 1110.2 by January 1, 2010. Irrigation booster pumps, well and reservoir pumps are typical agricultural engines that would qualify.

For more information, contact Al Baez at (909) 396-2516.



2009 Compliance Deadlines

The following is a reminder for SCAQMD rule compliance deadlines that occur during 2009. This is a reference SCAQMD provides annually through the SCAQMD Advisor and is subject to change. New rules and regulations may be adopted and current rules may be amended or rescinded throughout the year. Such decisions may impact your business. For the most current rule information, call 1-800-CUT-SMOG or check SCAQMD's Rule Book on the web at www.aqmd.gov/rules/rulesreg.html.

Continuous Emission Monitoring (CEM) (Rule 218)

All existing CEMS as prescribed in Rule 218, Sections (d)(1)(A) and (B) shall comply with the provisions of Rule 218.1, Sections (b) and (d), or 40CFR60 Appendices B and F, as applicable, and of Rule 218, Sections (b) and (c), no later than May 14, 2009 for those who received a 3 year waiver per 218(d)(1)(D)(ii).

Deadline: May 14, 2009

Contact: Thomas Rooney
(909) 233-7026

Fees for Architectural Coatings (Rule 314)

• Architectural coatings manufacturers and successor manufacturers without a District ID number that become subject to this rule in any year subsequent to calendar year 2008 shall apply to the District for a manufacturer ID number on or before December 31 of that year.

• Annual Quantity and Emissions Report: For each calendar year beginning with 2008 and continuing with each subsequent calendar year, an architectural coatings manufacturer shall submit to the District by April 1 of the following calendar year an Annual Quantity and Emissions Report.

• Annual Quantity and Emissions Fees: An architectural coatings manufacturer shall begin paying fees on or before April 1, 2009 and each subsequent April 1.

• Distributor(s) List: By January 1, 2009, and each subsequent January 1, all architectural coatings manufacturers subject to this rule shall provide to the District a list of all U.S. distributors to whom they supply architectural coatings.

Deadlines: See above

Contact: Shalini George
(909) 396-3090

Wood Burning Devices (Rule 445)

Any commercial firewood facility shall only sell seasoned wood from July 1 through the end of February the following year. Any commercial firewood facility may sell seasoned as well as non-seasoned wood during the remaining months.

Deadlines: July 1, 2009

Contact: Scott Caso
(909) 396-2218

Gasoline Transfer and Dispensing (Rule 461)

For facilities with underground storage tanks - no further gasoline dispensing beginning April 1, 2009 if CARB certified Phase II Enhanced Vapor Recovery (EVR) equipment upgrades have not been installed and successful compliance testing completed prior to April 1, 2009. Installation of In-Station Diagnostics (ISD) by facilities must be completed prior to September 1, 2009 for facilities with annual throughput >1,800,000 gallons per year.

Deadlines: See above

Contact: Nola Oriola
(909) 396-2382

Emissions from Gaseous and Liquid-Fueled Internal Combustion Engines (Rule 1110.2)

• Stationary Engines: By February 1, 2009, the operator of a spark-ignited engine without a Rule 218-approved continuous emission monitoring system (CEMS) or a Regulation XX (RECLAIM)-approved CEMS shall equip and maintain the engine with an air-to-fuel ratio controller with an oxygen sensor and feedback control, or other equivalent technology approved by the Executive Officer, CARB and EPA.

• Agricultural Stationary Engines: The operator of any agricultural stationary engine shall comply with paragraph (d)(1)(B) and the other applicable provisions of this rule, including for Tier 2 and Tier 3 diesel engines, certified spark-ignition engines, and all engines at facilities with actual emissions less than the amounts in the Table of Rule 219(q); shall submit to the Executive Officer applications for permits to construct engine modifications, control equipment, or replacement engines prior to March 1, 2009 and initiate construction of engine modifications, control equipment, or replacement engines prior to September 30, 2009, or 30 days after the permit to construct is issued, whichever is later.

• Non-Agricultural Stationary Engines: The operator of any stationary engine that elects to amend a permit to operate to incorporate ECF-adjusted emission limits shall submit to the Executive Officer an application for a change of permit conditions by August 1, 2008, and comply with emission limits of the previous version of this rule until February 1, 2009 when the engine shall be in compliance with the

emission limits of this rule.

• Stationary Engine CEMS: Compliance schedule for new or modified CEMS on existing non-biogas engines rated at less than 750 bhp: Submit to the Executive Officer applications for new or modified CEMS prior to August 1, 2009. Complete installation and commence CEMS operation, calibration, and reporting requirements within 180 days of initial approval. Complete certification tests within 90 days of installation. Submit certification reports to Executive Officer within 45 days after tests are completed. Obtain final approval of CEMS within 1 year of initial approval.

• Stationary Engine Inspection and Monitoring (I&M) Plans: The operator of 15 or more stationary engines subject to the I&M plan provisions shall have complied with the earlier 2008 schedule for at least 50% of engines, and for the remaining engines shall by February 1, 2009; submit an initial I&M plan application to the Executive Officer for approval and by June 1, 2009, implement an approved I&M plan or the I&M plan as submitted if the plan is not yet approved.

• Stationary Engine Air-to-Fuel Ratio Controllers: The operator of any stationary engine that does not have an air-to-fuel ratio controller, as required by subparagraph (d)(1)(E), shall comply with those requirements per compliance schedule in Table VI, except that the application due date is no later than May 1, 2009 and the initial source testing may be conducted at the time of the testing required by subparagraph (f)(1)(C). The operator of more than five engines that do not have air-to-fuel ratio controllers may take until May 1, 2009, to install the equipment on up to 50% of the affected engines.

• Source Testing: By February 1, 2009, provide, or cause to be provided, source testing facilities with sampling ports adequate for the applicable test methods.

Deadlines: See above

Contact: Steve Jones
(909) 396-2094

Control of Emissions from Refinery Flares (Rule 1118)

• Flare gas recovery and treatment system(s) must be installed to comply with the requirements of the rule. The effective date for a flare directly associated with the proposed flare gas recovery and treatment system shall be January 1, 2009, provided the owner or operator has submitted a complete application to construct and operate a flare gas recovery and treatment system(s) by July 1, 2006.

• Effective January 1, 2009, prevent the combustion in any flare of vent gas with a hydrogen sulfide concentration in excess of 160 ppm, averaged over three hours, excluding any vent gas resulting from an emergency, shutdown, startup, process upset or relief valve leakage.

Deadlines: See above

Contact: Rafael Reynosa
(310) 233-7025

**Solvent Degreasers
(Rule 1122)**

January 1, 2009: The cleaning of photocurable resins stereolithography equipment and models are no longer exempt from this rule.

Deadline: January 1, 2009
Contact: David De Boer
(909) 396-2329

**Emission Reduction from
Co-Composting Operations
(Rule 1133.2)**

By January 1, 2009, operators of existing co-composting operations with a facility design capacity less than 10,000 tons of throughput per year shall submit a compliance plan, for the approval of the Executive Officer, that demonstrates an overall emission reduction of 70 percent, by weight, for VOC emissions and 70 percent, by weight, for ammonia emissions from the baseline emission factors

Start: January 1, 2009
Contact: David Jones
(909) 396-2317

**Emissions of Oxides of Nitrogen from
Electric Power Generating Systems
(Rule 1135)**

Emission Limitations: Los Angeles Department of Water and Power, or its successor, shall not operate its electric power generating system unless the following District-wide daily limits on emissions rate and emissions cap are met beginning December 31, 2009. The District-Wide daily limits are 0.15 Lb NOx/ Net Megawatt (MW) Hr and 7,400 Lb-NOX per day.

Start: December 31, 2009
Contact: Thomas Rooney
(310) 233-7026

**Storage Tank and Pipeline Cleaning and
Degassing
(Rule 1149)**

By August 1, 2009, in lieu of 1149(c) (2), drain-dry breakout tanks shall be maintained in a vapor tight condition outside the tank shell while the roof is resting upon its support legs and shall be monitored monthly. Records shall be maintained. For this option, at least ¼ of the tanks requiring drain-dry breakout modifications must be completed by August 1, 2009.

Deadline: August 1, 2009
Contact: David Jones
(909) 396-2317

**Motor Vehicle and Mobile Equipment
Non-Assembly Line Coating Operations
(Rule 1151)**

Effective January 1, 2009, new VOC limits will be instituted.

Start: January 1, 2009
Contact: Steve Jones
(909) 396-2094

**PM10 Emission Reductions from
Cement Manufacturing Facilities
(Rule 1156)**

Air Pollution Control Device: To show incremental progress towards the December 31, 2010 compliance date for non-pulse-jet baghouses, the operator shall have submitted to the Executive Officer a list of baghouse candidates for future modification or replacement by December 31, 2006. In addition, the operator shall submit a notification letter by December 31, 2009, to demonstrate that the operator has completed at least 80% by 2009.

Deadline: December 31, 2009
Contact: Scott Caso
(909) 396-2218

**Solvent Cleaning Operations
(Rule 1171)**

- Effective January 1, 2009, new VOC limit for Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing) is 100 g/l (0.83 lb/gal)
- Effective January 1, 2009, the cleaning of photocurable resins from stereolithography equipment and models is no longer exempt from rule.
- Effective January 2, 2009, the cleaning of ultraviolet or electron beam lamps and reflectors used for the curing of ultraviolet or electron beam ink or coatings is no longer exempt from rule.
- Effective January 1, 2009, the cleaning of application equipment used to apply solvent-borne fluoropolymer coatings is no longer rule exempt.
- Effective January 2, 2009, the VOC limit of on-press cleaning of screens and automatic cleaning equipment used in screen reclamation is 100 grams of VOC per liter (0.83 lbs/gal).
- Effective January 2, 2009, the VOC limits for the cleaning of metering rollers, dampening rollers and printing plates in UV/EB ink application equipment, shall contain no more than 100 grams of VOC per liter (0.83 lbs/gal).

Deadlines: See above
Contact: David De Boer
(909) 396-2329

**Control of Volatile Organic Compound
Leaks and Releases from Components
at Petroleum Facilities and Chemical
Plants
(Rule 1173)**

Requirements: Refineries are required to install tamper-proof electronic valve monitoring devices by January 1 2009. For a refinery with less than 50 atmospheric process PRDs: (i) Install monitoring devices on 50 percent of all atmospheric process PRDs by January 1, 2009; and (ii) Install monitoring devices on the remaining atmospheric process PRDs by July 1, 2009. For a refinery with more than 50 atmospheric process PRDs: (i) Install monitoring devices on 20 percent of all atmospheric process PRDs by January 1,

2009; (ii) Install monitoring devices on 40 percent of all atmospheric process PRDs by July 1, 2009; and (iii) Install monitoring devices on the remaining atmospheric process PRDs by July 1, 2010.

- Operators of lubricating oil and grease re-refiner or a marine terminal shall monitor atmospheric process PRDs using electronic process control instrumentation, where feasible, starting January 1, 2009.

Deadlines: See above
Contact: Mike Gonzales
(310) 233-7030

**Requirements for Stationary Diesel-
Fueled Internal Combustion and Other
Compression Ignition Engines
(Rule 1470)**

Owners or operators of four or more emergency standby diesel-fueled CI engine (> 50 bhp)/stationary diesel-fueled CI engines (> 50 bhp) under common ownership or operation that does not comply with rule operating and emission requirements must meet the requirements of paragraphs 1470(c)(3) or 1470(c) (5) on all Pre-1989 through Later Model Year Engines with all (100%) engines in compliance by January 1, 2009.

Deadline: January 1, 2009
Contact: Mike Gonzales
(310) 233-7030

**Requirements for Facilities with Multiple
Stationary Emergency Standby Diesel-
Fueled Internal Combustion Engines
(Rule 1472)**

- Facilities, except rule-exempt facilities, subject to subdivision (f), shall submit a Compliance Plan on or before Jan. 1, 2009 for facilities with 7 or more engines; on or before July 1, 2009 for facilities with 5 or 6 engines; on or before Jan 1., 2010 for facilities with 4 engines; and on or before July 1, 2010 for facilities with 3 engines.
- Facilities that make engine changes where the addition results in a total of 3 or more diesel emergency engines or existing facilities with 3 or more diesel engines, but no engine groups, that add or replace any engine resulting in one or more engine group must submit a compliance plan or updated compliance plan no later than 6 months after installation of engine(s) requiring compliance.

Deadlines: See above
Contact: Mike Gonzales
(310) 233-7030

2009 RECLAIM Deadlines

Below are the 2009 compliance deadlines for all facilities that must comply with SCAQMD's NO_x and SO_x RECLAIM rules (Regulation XX). For more information on these deadlines, contact the RECLAIM Hotline at (909) 396-3119.

Daily emissions reports - for major sources, reports are due, via remote terminal unit, by 5 p.m. the next day. [Rules 2011 (c)(3)(A) and 2012 (c)(3)(A)]

Monthly emissions reports - for large NO_x sources, reports are due, via modem or District Internet Web Site, fifteen days after the end of each month. [Rule 2012 (d) (2)(B)]

Monthly aggregate emission reports - for major sources, reports are due, via modem, fifteen days after the end of each month. [Rules 2011 (c)(3)(B) and 2012 (c)(3)(B)]

Quarterly emission reports - for process units, equipment exempt from permit, equipment operating under a various location permit, equipment operating with temporary permit and quarterly aggregate emissions reports for major and large sources, as well as the aforementioned equipment types, reports are due 30 days after the end of each quarter, except for the last quarter of each compliance year when reports are due 60 days after the end of the quarter. These reports are to be submitted via modem. Alternatively, reports for large sources and process units may be submitted via the District Internet Web Site. [Rules 2011 (d)(2)(B), 2012 (e)(2)(B), Chapter 5 of Appendix A to Rule 2011, and Chapter 7 of Appendix A to Rule 2012]

Quarterly Certification of Emissions Reports (QCERs) - all facilities must submit original signed QCERs identifying the aggregate totals of emissions for all equipment types at the facility within 30 days after the end of each of the first three quarters of a Compliance Year. [Rule 2004 (b) (1) and (b)(2)]

January 1 – March 1 - all Cycle 1 facilities must submit original signed Compliance Year 2008 Annual Permit Emission Program (APEP) reports. [Rule 2004 (b)(4)]

June 30 - all Cycle 2 facilities must complete source tests on all NO_x large sources by this date. Source test results must be submitted within 60 days of the last date of the source test. Note: this requirement is to verify that each large source can operate within the permitted RECLAIM NO_x Concentration Limit or Emission Rate and is applicable once every three-year period (Compliance Years 2006-2008 in this case) [Rule 2012 (j)(2)]

July 1 – Aug. 29 - all Cycle 2 facilities must submit original signed Compliance Year 2008 Annual Permit Emission Program (APEP) reports. [Rule 2004 (b)(4)]

RULE UPDATE

The following proposed and amended rules and regulations are tentatively scheduled for hearing at upcoming Governing Board meetings. To verify whether scheduling changes have occurred, visit the SCAQMD Web site at www.aqmd.gov/hb/gb_cal95.html and check the Rule and Control Measure item on the Governing Board meeting agenda or call the Clerk of the Board's Office at (909) 396-2500.

Copies of SCAQMD rules and regulations can be downloaded from the Web site at www.aqmd.gov/rules/rules.html or provided by SCAQMD's Public Information Center, (909) 396-2039.

February

Regulation IX-Standards for Performance for New Stationary Sources

Regulation X-National Emission Standards for Hazardous Air Pollutants

U.S. EPA has authorized local air districts to directly implement federal standards set in 40 Code of Federal Regulations (CFR) Part 60, Standards of Performance for New Stationary Sources (NSPS), and Part 61, National Emission Standards for Hazardous Air Pollutants (NESHAP). Periodic amendments to Regulations IX and X incorporate new or amended standards by reference that were approved during the prior calendar year. *For more information, contact Jill Whynot (909) 396-3104 or jwhynot@aqmd.gov.*

Rule 1156-Further Reductions of Particulate Emissions from Cement Manufacturing Facilities

Proposed amendments will reduce particulate emissions from cement manufacturing facilities and will limit hexavalent chromium emissions. *For more information, contact Jill Whynot (909) 396-3104 or jwhynot@aqmd.gov.*

March

Rule 1401-New Source Review of Toxic Air Contaminants

Proposed amendments to Rule 1401 will add ethylbenzene cancer risk value approved by the Office of Environmental Health Hazard Assessment (OEHHA) *For more information, contact Susan Nakamura (909) 396-3105 or snakamura@aqmd.gov.*

Rule 1155-Particulate Matter (PM) Control Devices

Proposed Rule 1155 will seek to reduce directly emitted PM emissions from various source categories through a variety of requirements, including but not limited to performance (particulate matter and opacity) standards, use of certified filtration devices, monitoring equipment, mandatory operation and maintenance plans to maintain optimum efficiency, and other control/operational options. *For more information, contact Susan Nakamura (909) 396-3105 or snakamura@aqmd.gov.*

Clean Air PEOPLE

Meet the diversely talented people who work at the AQMD



Larry Kolczak

AQMD Advisor

Larry Kolczak, Community Relations Manager in the Office of Technology Advancement, joined the SCAQMD in 1987. Prior to that, he worked a total of 18 years with environmental agencies in Illinois and Iowa.

At the SCAQMD, Larry's outreach activities have included writing publications, speaking to the public, coordinating technical conferences, and for several years, managing the Small Business Assistance program. "I love dealing with the public," he says, "and helping people understand air quality issues."

Recently, Larry helped coordinate "The Future is Green" conference and expo,

which included hosting field trips of 1,300 high school students. "It gives you a great respect for the challenge teachers face every day," says Larry. "The highlight for me was the session in which we had a panel of award-winning students as speakers. They described to their fellow students how they had won various environmental competitions -- everything from racing solar-powered boats to building a biodiesel production plant."

Larry loves to travel. "I had my mid-life crisis early," he says when describing the two years he took off in the mid-70's to travel around Europe and Africa with only his backpack and guitar. He supported his travels

working as a folksinger in a Swiss ski resort, and later with a safari company in Kenya, singing songs around the campfire. Since then, he's banded birds in Panama, photographed whales off the coast of Alaska, captured kangaroos in the Australian outback, and radio-tracked jungle predators from the back of an elephant in Nepal. His photographs and articles about these adventure vacations have appeared in many newspapers and magazines.

Larry spends his weekends helping maintain and sail a square-rigged, sailing ship located in Dana Point harbor. "I'm not much of a sailor," he admits, "but they need someone to lead the singing of the sea shanties."



Ruby Fernandez

Ruby Fernandez interned at the South Coast AQMD in the District Counsel's Office after taking the bar exam, and she liked it so much that she came back to work here as a Deputy District Counsel in February 2008. She currently works in the areas of contracts, public

records, tort litigation, and third-party depositions.

Originally from the Philippines, she moved to Los Angeles when she was eleven years old with her family. Ruby graduated from Loyola Law School in 2006 and has a Bachelor of Science from UCLA in Microbiology, Immunology & Molecular Genetics, as well as a minor in Classical Civilization. Prior to working at the SCAQMD, she worked at the Los Angeles office of Wilson Elser, a national firm, with a focus on products liability and toxic torts litigation. She also interned at the Natural Resources Defense Council during law school.

Ruby greatly enjoys the outdoors. Ruby commented, "I am an avid hiker, and usually try to get out every weekend. It's the way I balance my life with work, and it gets me out into open spaces." She is currently trying to do every hike in the book *Take A Hike: Los Angeles*, which lists places to hike within two hours of Los Angeles. Her favorite hikes so far are Parker Mesa Overlook and Escondido Canyon in the Santa Monica Mountains. Because of her interest in the outdoors, working in the environmental field is a natural fit for her.

Classical music also has a place in her life. Upon entering her office a soft sonata or other classical piece is quietly playing in the background. It's all about balance in her life.



Teresa Barrera

In May of this year, Teresa Barrera joined the SCAQMD as a District Prosecutor in the General Counsel's Office. Teresa immediately jumped into work, prosecuting enforcement issues, penalties, variances, orders of abatements and appeals.

Teresa received her law degree from the University of California, Davis and her Bachelors of Arts in Government from Harvard University. Originally from Oregon, she sometimes misses the rainy days in Oregon, but she has come to love the Southern California beaches and deserts. Prior to coming to the South Coast AQMD, she was a partner in a Los Angeles law firm, and for eight years practiced on her own.

Teresa met her husband at Harvard and his roots in Southern California brought them to the area after she graduated from law school. They have three children -- two boys and one girl. Her older sons are attending college and her daughter is in high school. She enjoys running a "taxi service" for her daughter, who is into sports and volunteering in her community.

Teresa said that "joining the SCAQMD has really made the practice of law fun again." She commented further that "success should not be defined on how much money you make, but by the satisfaction of the job." Living nearby also has ended hours of commuting time which used to make it difficult to balance work and home. Teresa added, "working to clean the air is a satisfying job in and of itself, but being able to enjoy family time makes this job just that much sweeter."



South Coast
Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4182

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Briefly...

Rule Compliance Promotion Classes

Rule 403-Controlling Dust in the South Coast Air Basin

- Every third Wednesday of the month

This half-day class is held at SCAQMD's Diamond Bar headquarters from 8:30 a.m. to 11:30 a.m. There is no fee, but pre-registration is required.

To register, call toll free 1-866-861-DUST (3878) or email dustcontrol@aqmd.gov.

Rule 403.1-Controlling Dust in the Coachella Valley

- Every third Thursday of the month

This course is held from 1:00 p.m. to 4:30 p.m. at the Coachella Valley Association of Governments, Room 119, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee, but pre-registration is required.

To register, call toll free 1-866-861-DUST (3878) or email dustcontrol@aqmd.gov.

Rule 2202-Employee Transportation Coordinator Training

- January 15, Langham Hotel, Pasadena
- January 29, SCAQMD's Diamond Bar Headquarters
- February 12, SCAQMD's Diamond Bar Headquarters
- February 25, Howard Hughes Center, Los Angeles

Classes are held from 8:00 a.m. to 5:00 p.m. Registration fee is \$61.70 per person. Enrollment is limited to 20 students and classes will be filled on a first-come, first-served basis.

To register, call (909) 396-2777 or email etctraining@aqmd.gov.

Rule 1403- Asbestos Demolition/ Renovation Activities

Classes are from 8:00 a.m. – 1:00 p.m., held in CC6 at the SCAQMD's Diamond Bar Headquarters. Registration fee is \$32.75 per person and pre-registration is required.

Class dates:

- January 14
- February 11
- March 18
- April 15
- May 13
- June 17

To register, call (909) 396-2053 or email jmoore@aqmd.gov.

SCAQMD Advisor

This bimonthly news publication is produced by the South Coast Air Quality Management District's (SCAQMD) Public Affairs Office. SCAQMD is the air pollution control agency for Orange county and major portions of Los Angeles, San Bernardino and Riverside counties. *SCAQMD does not endorse or warrant any products, services or companies mentioned in this publication.*

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