

Cleaning the air
that we breathe...



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AQMD Adopts Regulation to Reduce Particulate Emissions From Oil Refineries

In November, the AQMD Governing Board adopted Rule 1105.1 to significantly reduce particulate pollution from oil refineries, which are among the largest industrial sources of such pollution. "These new requirements, which are cost-effective and have already been achieved by one oil refinery, will reduce particulate pollution in the communities around the refineries as well as the entire region," said Barry Wallerstein, AQMD's executive officer. "Unhealthy levels of particulate pollution are linked to a wide variety of adverse health effects, from increased hospital and emergency room visits to premature deaths."

The rule will affect all six refineries in the Los Angeles basin,

including BP Arco in Carson, Chevron-Texaco in El Segundo, ExxonMobil in Torrance, and Shell, ConocoPhillips and Valero in Wilmington.

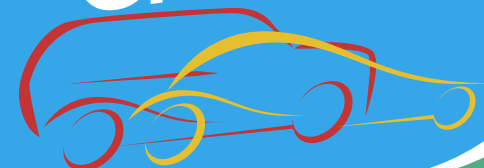
Through the use of state-of-the-art control technology, refineries will reduce emissions from their Fluid Catalytic Cracking Units (FCCUs). These units are used during the refining process to convert crude oil into gasoline and lighter products including butane and propane. The units are significant sources of PM₁₀, PM_{2.5} and ammonia emissions. The rule will reduce total PM₁₀ emissions by 2 tons per day by 2006. Of that reduction, 1.5 tons per day is attributable to reduced ammonia emissions. If left in the atmosphere, the 1.5 tons per day of ammonia emissions could produce up to 6 tons per day



of PM₁₀ emissions. Ammonia in the atmosphere can combine with sulfur oxides and nitrogen oxides to form ammonium sulfates and ammonium nitrates, two key components of PM₁₀ and PM_{2.5}.

For more information, contact Laki Tisopulos at (909) 396-3123.

CLEAN AIR CHOICE



This vehicle is certified as one of the cleanest sold in California.
South Coast Air Quality Management District

To verify this vehicle's emissions certification, view emissions sticker under hood or go to www.arb.ca.gov



AQMD Launches "Clean Air Choice" Program

AQMD and Riverside auto dealers launched a major consumer initiative in November 2003, to help new car buyers easily identify lower-emitting vehicle choices.

Under the new Clean Air Choice program, participating dealers will prominently post a colorful, electrostatic Clean Air

Choice label on all new vehicles offered for sale that meet the California Air Resources Board's (CARB) criteria for:

- Advanced Technology – Partial Zero Emission Credit Vehicles (AT-PZEVs)
- Partial Zero Emission Credit Vehicles (PZEVs)
- Super Ultra Low-Emission Vehicles (SULEVs)
- Ultra Low-Emission Vehicles (ULEVs)

"Passenger vehicles are the largest single source of air pollution, responsible for 25 percent of smog-forming emissions," said Barry Wallerstein, AQMD executive officer. "We hope that new car buyers will look at the wide array of Clean Air Choice vehicles and choose the lowest-emitting model that meets their needs."

Starting early this year, AQMD will expand the program to participating auto dealerships across the Southland. AQMD will also support the program by providing dealers with labels and flyers explaining the program, updated lists of all Clean Air Choice models, a website and ongoing outreach to the public and auto dealers on the benefits of Clean Air Choice vehicles. For a complete list of Clean Air Choice models, see the website at www.cleanairchoice.org.

For more information, contact Sam Atwood at (909) 396-3456.

AQMD ADOPTS MEASURE TO FURTHER REDUCE PAINT EMISSIONS

AQMD adopted a measure in December to significantly reduce emissions from paints and coatings, one of the largest categories of smog-forming emissions in the region.

"Smog-forming emissions from paints and architectural coatings in the Southland are equivalent to those from 1.7 million vehicles," said Barry Wallerstein, AQMD's executive officer.

"This rule will further establish AQMD as the nation's leader in requiring manufacturers to develop low-polluting paints and coatings."

AQMD's Governing Board adopted an amendment to its Rule 1113, which will reduce smog-forming volatile organic compounds (VOCs) by 3.7 tons per day from such paint categories as roof coatings, exterior stains, waterproofing sealers, waterproofing concrete/masonry sealers and clear wood finishes. That will eliminate more emissions than those produced by the region's largest oil refinery.

Currently, the use of architectural coatings results in 51 tons per day of VOC emissions. Although paint manufacturers have repeatedly challenged the rule in court, it is fully in effect today.

Rule 1113 amendments will lower the current VOC limit for specialty coatings used by homeowners, contractors and maintenance workers.

The new VOC limits rely on compliant coatings already available from several manufacturers and in wide use throughout the region. AQMD's paint and coatings standards, the strictest in the nation, can benefit the rest of the country as consumer demand and environmental regulation move toward less-polluting products.

VOC emissions react in the atmosphere to form particulate matter (PM10) and react photochemically with oxides of nitrogen (NOx) to form ozone. Both adversely affect human health.

For more information, contact Laki Tisopulos at (909) 396-3123.



AQMD Partners with First AME Renaissance & Asthma and Allergy Foundation for Asthma Screening

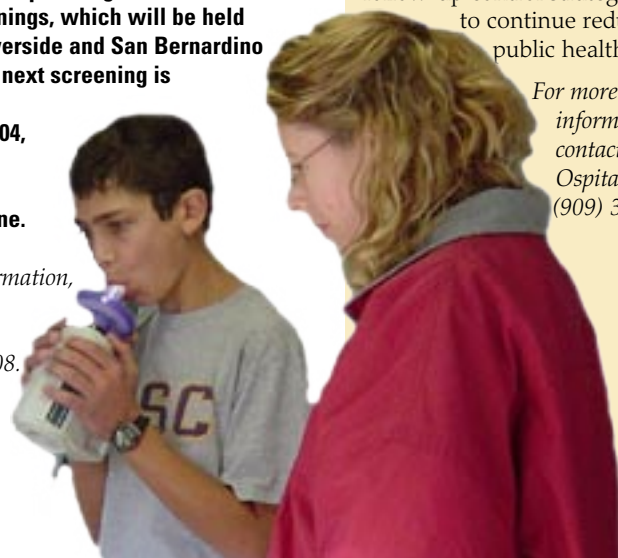
The South Coast Air Quality Management District (AQMD), in partnership with First AME Renaissance and the Asthma and Allergy Foundation of America, sponsored the first of four free asthma screenings. The first screening, which was held on December 14, 2003, at FAME Unity Hall in Los Angeles, was a big success.

Many children and adults had an opportunity to participate in the screening and evaluation process. If they tested positive for asthma, they were directed to the next phase, which included a trip through the Breathmobile, where they received further testing, medications, and information about free and low-cost medical care. Early diagnosis of asthma can improve quality of life and may even save lives. Studies indicate that childhood asthma is increasing at an alarming rate. Besides, children living in

older, more congested neighborhoods are at even greater risk and may also have limited access to health-care resources.

The AQMD is planning three more free asthma screenings, which will be held in Orange, Riverside and San Bernardino counties. The next screening is scheduled on February 1, 2004, at Christ Our Redeemer Church in Irvine.

For more information, contact Jim Clouet at (909) 396-3208.



AQMD Plans to Update Air Toxics Study

In 1986, AQMD conducted its first Multiple Air Toxics Exposure Study (MATES) to determine Basin-wide cancer risks associated with major airborne toxics. In 1998, a second MATES study (MATES-II) was conducted, representing one of the most comprehensive air toxics measurement programs conducted to date in an urban environment. That study produced benchmark findings that air toxics levels had been significantly reduced region-wide, and that diesel exhaust was a principal driver of remaining cancer risk.

Public concerns continue to arise about the potential for localized air toxic "hotspots," as well as cumulative impacts of multiple emission sources on nearby residents or schools. To address these environmental justice issues, AQMD plans to establish an updated baseline of toxic emissions, exposures, and risk levels by conducting a third toxics study – MATES III.

The project will include one year of ambient monitoring for air toxics, scheduled to begin in early 2004. This phase will have a combination of Basin-wide measurements and localized studies, to be followed by a phase of comprehensive analysis.

It is anticipated that the MATES III study will be used to assess and develop appropriate follow-up control strategies to continue reducing public health risks.

For more information, contact Jean Ospital at (909) 396-2582.



BOARD ACTIONS

2003 Year in Review

Following are quarterly highlights of AQMD Governing Board actions in the calendar year 2003. In addition to the selected actions below, the Board allocated significant incentive funding each quarter toward clean-up of heavy-duty diesel engines and affordable acquisition of advanced, low-emission technologies. Unhealthy summer ozone levels were a reminder that clean air efforts must continue full force.

1st QUARTER

- Created advisory boards and adopted work plans to carry out new health-effects research initiatives proposed by Chairman William A. Burke; including the "Asthma and Outdoor Air Quality Consortium" and the "Brain Tumor and Air Pollution Foundation," to be funded with penalty fees from air pollution violations.

- Adopted controls to reduce volatile organic compounds and ammonia emitted from regional composting facilities, helping to curb smog- and particulate-forming emissions as well as risk of local nuisance odors.

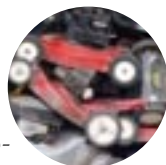
- Established enforceable agreement with a refinery to phase out use of unmodified hydrogen fluoride (HF), virtually eliminating any remaining risk of accidental HF release near residential neighborhoods.



- Implemented grant program for local dry cleaners to replace current perc-based equipment with non-toxic alternatives (assistance toward purchase of petroleum-based, wet-cleaning, or advanced technology systems).



- Launched the successful lawn mower exchange program, which in 2003, replaced 3,500 gasoline-powered mowers with zero-pollution electric machines.



2nd QUARTER

- Adopted new and amended rules to enhance control of hexavalent chromium emissions from metal finishing, chrome plating and chromic acid anodizing operations, through an 18-month collaborative effort in "negotiated rulemaking," resulting in reduced cancer risk to nearby residential neighborhoods.

3rd QUARTER

- Adopted 2003 Air Quality Management Plan (AQMP) with 26 identified regional air pollution control measures to further reduce emissions from businesses, industry and architectural coatings. The adopted resolution challenged state and federal authorities to consider more than 30 measures for sources under their exclusive jurisdiction, to reduce emissions from on- and off-road mobile sources and consumer products.

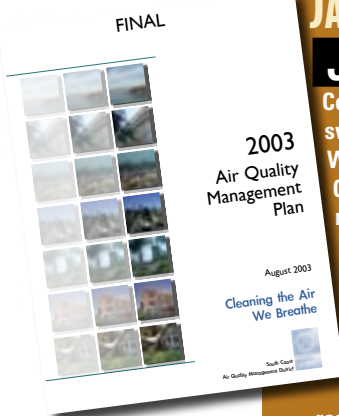
- Adopted 2003-04 Environmental Justice Work Plan, to further reduce health risks, and provide greater community access and involvement.

- Approved comprehensive strategy outlined in "White Paper on Regulatory Options for Addressing Cumulative Impacts from Air Pollution Emissions," to address potential health and nuisance concerns.

4th QUARTER

- Adopted landmark rule to reduce fine-particulate and ammonia emissions from fluid catalytic cracking units at refinery operations.

- Adopted final portion of a three-phase landmark rule to reduce volatile organic compounds from architectural coatings, since compliant coatings are already available and in wide use, following extensive multi-year partnering efforts to solve technical and market challenges.



Two New Members Join AQMD Board

JAN PERRY

Jan Perry, Los Angeles City Councilwoman for the Ninth District, was sworn in as the Cities of Los Angeles County, Western Region representative to the AQMD Governing Board at the November 2003 meeting. Perry will fill the unexpired term of former Los Angeles Councilmember Hal Bernson, which ends in January 2006. As the current chair of the Los Angeles City Environmental Management Committee, Perry has a record of commitment to better air quality for her constituents and environmental justice for all residents. Councilwoman Perry represents the Ninth Council District, which encompasses culturally diverse communities in Los Angeles, including Bunker Hill, Little Tokyo, and South Los Angeles.

BILL POSTMUS

In January, Bill Postmus, First District Supervisor and Vice-Chairman of the Board of Supervisors for San Bernardino County, was sworn in at the Board meeting filling the unexpired term of Fred Aguiar.

At 29 years of age, Supervisor Postmus earned the distinction of being the youngest Supervisor elected in San Bernardino County since the 1800s. Now 32, he represents residents of the largest county supervisory district in the contiguous United States, encompassing approximately 17,500 square miles.

Currently serving as the Chairman of the Governing Board of the Mojave Desert Air Quality Management District, Postmus possesses in-depth knowledge of the air pollution problem within the Basin and the impact it has on inland communities.



Legislative UPDATE

During 2003, AQMD was involved in legislation addressing cruise ship emissions, asbestos abatement, promotion of alternate fuels technology, incentives for low-emission vehicles, agricultural air pollution, and new source review.

The following AQMD-supported bills became law on January 1, 2004.

- **SB 288—Protect California Air Act of 2003 (Sher)**, which prohibits an air district from changing its New Source Review (NSR) rules or regulations that existed on 12/30/03.
- **SB 700—Agricultural Operations (Florez)**, which establishes a new program to reduce air emissions from agricultural sources by requiring CARB and air districts to regulate stationary, mobile and area sources of agricultural air pollution.
- **AB 998—Dry Cleaning Incentive Program (Lowenthal & Koretz)**, which establishes a grant program to provide financial incentives to professional dry cleaners to use non-toxic alternatives to perchloroethylene.
- **AB 1214—Net Energy Metering for Fuel Cell Customer-Generators (Firebaugh)**, which requires electric utilities to buy electricity generated by customers using fuel cell-powered generators.
- **SB 352—Source of Pollution at School Sites (Escutia)**, which prohibits the approval by a school district of a school site that is within 500 feet from the edge of the closest traffic lane of a freeway or other busy traffic corridor.
- **SB 656—Particulate Matter (Sher)**, which establishes a process by which CARB and individual local air districts identify and implement measures to reduce emissions of particulate matter (PM) into the ambient air and to reduce the public's exposure to PM.

For more information, contact Jim Clouet at (909) 396-3208.

2004 Compliance Deadlines

The following is a reminder for AQMD rule compliance deadlines that occur during the 2004 calendar year and on January 1, 2005. (2004 RECLAIM deadlines are listed separately.) This is a reference AQMD provides annually through the AQMD 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 AQMD's Rule Book on the web at www.aqmd.gov/rules/rules.html.

Filing Requirements for Specific Emission Sources not requiring a Written Permit Pursuant to Regulation II (Rule 222)

Filings required for oil field production wells.

Deadline: January 1, 2005

Contact: Moustafa Elsherif (909) 396-3113

Reduction of PM10 and Ammonia Emissions from Fluid Catalytic Cracking Units (Rule 1105.1)

Operator must submit a plan, for Executive Officer approval, specifying the operating parameters to be monitored, the range of operating levels of each proposed parameter, and the frequency of monitoring and recording, for the control equipment of the FCCU installed and operated before 11/7/03.

Deadline: May 7, 2004

In lieu of complying with the PM10 emission limit of 0.005 gr/dscf, the operator may comply with 0.006 gr/dscf, provided that the operator has a compliance plan approved by the Executive Officer to demonstrate equivalent PM10 emission reductions commencing 12/31/06 through the use of alternative compliance method(s). The operator must submit a complete compliance plan by 6/15/04.

Deadline: June 15, 2004

Contact: Minh Pham (909) 396-2613

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

Stationary engines that had to comply with Rule 1110.1 requirements have until December 31, 2004 to comply with emission limits in Rule 1110. Other engines must be permanently removed from service or replaced with electric motors by December 31, 2004 or meet the Rule 1110.2 emission limits. If they choose to meet the Rule 1110.2 emission limits, they had to submit applications in 2003, start engine modification or installation of controls by September 30, 2004 and meet the emission limits by December 31, 2004.

Deadline: Various

Contacts: Alice Santos (909) 396-2601;
Dave DeBoer (909) 396-2329

Architectural Coatings (Rule 1113)

Industrial Maintenance Coatings not for residential use and restricted to extreme environmental conditions.

Deadline: January 1, 2004

Contact: Dan Russell (909) 396-2333

Further Control of VOC Emissions from High-Emitting Spray Booth Facilities (Rule 1132)

Spray booth facilities emitting between 20 and 50 tons per year must control VOC emissions from each spray booth by 65% by 7/1/04 or reduce facility VOC emissions by 85% by 12/31/04.

Deadline: July 1, 2004 or December 31, 2004

Contact: Bill Milner (909) 396-2553

PM10 Emission Reductions from Woodworking Operations (Rule 1137)

On or after January 1, 2004, an operator of an exiting woodworking facility shall not operate any equipment, activity or operation connected to a pneumatic conveyance system unless the sawdust emissions are completely vented to an emission control device in operation such that there are no visible emissions existing from external ductwork and the emission control device at any time, other than the initial 15 minutes after start up or the final 15 minutes prior to shutdown.

Deadline: January 1, 2004

Contact: Pat Hotra (909) 396-2995

Storage, Handling, and Transport of Petroleum Coke (Rule 1158)

Exemptions for calcined coke conveyors expire and all must comply with pile storage requirements of (d) (2).

Deadline: June 11, 2004

Contact: Thomas Rooney (909) 396-2507

Polyester Resin Operations (Rule 1162)

Gel coat operations must use non-atomizing application techniques.

Deadline: July 1, 2004

Contact: Helmy Sultan (909) 396-2362

Adhesive and Sealant Applications (Rule 1168)

Prohibits sale or use of certain adhesive products containing hazardous air pollutants. Reduces VOC contents for top and trim adhesive and plastic pipe cements on 1/1/05 with one-year additional sell-through.

Deadline: January 1, 2004

Contact: Bill Milner (909) 396-2553

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

Electronic reporting requirement for refineries with more than 25,000 components. Operators must submit atmospheric PRD monitoring compliance plans.

Deadline: December 31, 2003

Contact: Eugene Tezler (909) 396-2077



2004 RECLAIM Deadlines

Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities (Rule 1178)

Domed roof requirements phased in for external floating roof tanks (1/3 at facilities with emissions over 20 TPY).

Deadline: January 1, 2004

Contact: Minh Pham (909) 396-2613

Control of Perchloroethylene Emissions from Dry Cleaning Systems (Rule 1421)

Converted dry cleaning machines prohibited from use.

Deadline: July 1, 2004

Contact: Pamela Perryman (909) 396-3103

Emissions from Metal Finishing Operations (Rule 1426)

Initial compliance report due for metal plating facilities (c) (1).

Deadline: February 1, 2004

Contacts: Sam Vergara (909) 396-2318;
Tom Liebel (909) 396-2554

Hexavalent Chromium Emissions from Chrome Plating and Chromic Acid Anodizing Operations (Rule 1469)

Compliance plan required.

Deadline: February 1, 2004

Contacts: Sam Vergara (909) 396-2318;
Tom Liebel (909) 396-2554

Pilot Credit Generation Program for Marine Vessels (Rule 1631)

Existing diesel fueled marine vessels must comply with rule. Credit generators doing repowering of marine vessels must meet the required emission factors and submit their application prior to January 1, 2004.

Deadline: January 1, 2004

Contact: Dipankar Sarkar (909) 396-2273

Pilot Credit Generation Program for Hotelling Operations (Rule 1632)

Credit generators must submit their applications prior to January 1, 2004.

Deadline: January 1, 2004

Contact: Dipankar Sarkar (909) 396-2273

Pilot Credit Generation Program for Truck/ Trailer Refrigeration Units (Rule 1633)

MSERC applications due for truck trailer refrigeration units. Credit generators must submit their applications prior to January 1, 2004.

Deadline: January 1, 2004

Contact: Dipankar Sarkar (909) 396-2273

Pilot Credit Generation Program for Truck Stops (Rule 1634)

Credit generators must submit their applications prior to January 1, 2004.

Deadline: January 1, 2004

Contact: Dipankar Sarkar (909) 396-2273

Pilot Credit Generation Program for Agricultural Pumps (Rule 2507)

Area source Credit applications due for agricultural pumps.

Deadline: January 1, 2004

Contact: Dipankar Sarkar (909) 396-2273

Editor's Note: Below are the 2004 compliance deadlines for all facilities that must comply with AQMD's NOx and SOx RECLAIM rules (Regulation XX). For more information on these deadlines, contact the RECLAIM Hotline at (909) 396-3119.

- **Daily emissions reports** - for major sources 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 NOx sources are due, via modem, fifteen days after the end of each month. [Rule 2012 (d)(2)(B)]
- **Monthly aggregate emission report** - for major sources is 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 are due, via modem, 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. [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** - an aggregate total of emissions for all equipment in the facility - are due 30 days after the end of each of the first three quarters of a Compliance Year. Send original signed report by mail. [Rule 2004 (b)(2)]
- **January 1.** Turbines used as peaking units must meet BARCT emission levels. [Rule 2009]
- **January 1.** Strategy proposals due to generate NOx emissions for use in RECLAIM Reserve. [Rule 2020]
- **January 1 - February 29.** All Cycle 1 facilities must submit Compliance Year 2003 Annual Permit Emission Program (APEP) reports. [Rule 2004 (b)(4)]
- **May 31.** Cycle 2 facilities that are required to submit forecast reports under Rule 2009.1 (e) must submit an annual update forecast report to AQMD no later than this date. [Rule 2009.1 (e)]
- **May 31.** Cycle 2 power producing facilities subject to Rule 2009 must submit an annual update forecast report to AQMD no later than this date. [Rule 2009 (b)(4)]
- **July 1 - Aug. 29.** All Cycle 2 facilities must submit Compliance Year 2003 Annual Permit Emission Program (APEP) reports. [Rule 2004 (b)(4)]
- **November 30.** Cycle 1 facilities that are required to submit forecast reports under Rule 2009.1 (e) must submit an annual update forecast report to AQMD no later than this date. [Rule 2009.1 (e)]
- **November 30.** Cycle 1 power producing facilities subject to Rule 2009 must submit an annual update forecast report to AQMD no later than this date. [Rule 2009 (b)(4)]
- **December 31.** Cycle 1 facilities must complete source tests on all NOx process units that are subject to a RECLAIM NOx Concentration Limit by this date. Results of the source tests must be submitted within 60 days of the last date of the source test. Note: this requirement is to verify that each process unit can operate within the permitted RECLAIM NOx Concentration Limit and is applicable once every five-year period (1999-2004 in this case). [Rule 2012 (j)(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, 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.

February 2004



On-Road Motor Vehicle Mitigation Options (Rule 2202) The proposed amendments will modify the rule to update the emission factors using the most current emission reduction methodologies for use in emission reduction calculations and allow additional emission reduction through inter-pollutant credits. Proposed amendments include a "good faith effort" option for employers who have not met their AVR target. They also include language to clarify program options, clarification of definitions and deletion of outdated language. For more information, call Carol Gomez at (909) 396-3264.

March 2004



Further Control of VOC Emissions from High Emitting Spray Booth Facilities (Rule 1132) This proposed amendment will address SIP (State Implementation Plan) approval issues identified by the U.S. Environmental Protection Agency. For more information, call Larry Bowen at (909) 396-2575.



Diesel Emissions from Back-up Generators (Proposed Rule 1470) This proposed rule will implement a state Air Toxics Control Measure and may also include additional requirements to reduce toxic emissions. For more information, call Jill Whyntot at (909) 396-3104.

AQMD Hosts Interfaith Summit

To broaden its outreach on air quality issues, AQMD will host Our Faith ~ Our Planet, an Interfaith Summit on Air Quality, Thursday, February 19, 2004, at the USC Davidson Conference Center in Los Angeles.

"We realize that our faith leaders are a vital link to the communities we serve," said Barry

Wallerstein, AQMD executive officer.

"This summit is an excellent opportunity for members of our agency to meet with them, along with other civic leaders and educators, to learn how we can work together to improve our region's air quality."

The event presentations include a keynote address on air quality and environmental justice and a panel

discussion on Spirituality and the Earth - interfaith perspectives on the environment.

There are two working sessions - the first session, focuses on energizing our youth to become clean air advocates, and the second presents effective tools that community members can use to help clean the air - from lobbying legislators to establishing carpool routes for faith and community oriented events.

Groups and organizations confirmed to partner with AQMD for this groundbreaking event include the University of Southern California; City of Los Angeles Human Relations Commission; Los Angeles Interfaith Environmental Council (LAIEC); Southern California Ecumenical Council; Coalition on the Environment and Jewish Life of Southern California (CoeJLSC); FAME Renaissance; Board of Rabbis of Southern California; Orange County Interfaith Coalition for the Environment; Loyola Marymount University; California Interfaith Power & Light; American Lung Association of LA County; First Nations Tribal Family Center, Inc.; San Fernando Presbytery; California Council of Churches; and Omar Ibn Al Khattab Foundation.

To register for and receive more information on the AQMD's Interfaith Summit on Air Quality, please call Sylvia Palafox at (213) 891-2965.

Upcoming Lawn Mower Exchange Events

AQMD has announced plans to hold another series of lawn-mower exchange events in 2004, where residents can turn in their old gasoline powered mowers for discounted non-polluting electric mowers.

Last spring, the AQMD held four highly successful events dubbed "Mow Down Air Pollution 2003" at locations in Los Angeles, Orange, Riverside and San Bernardino counties. The events were sell-outs as residents exchanged a total of 3,500 operable gasoline mowers for new non-polluting electric models.

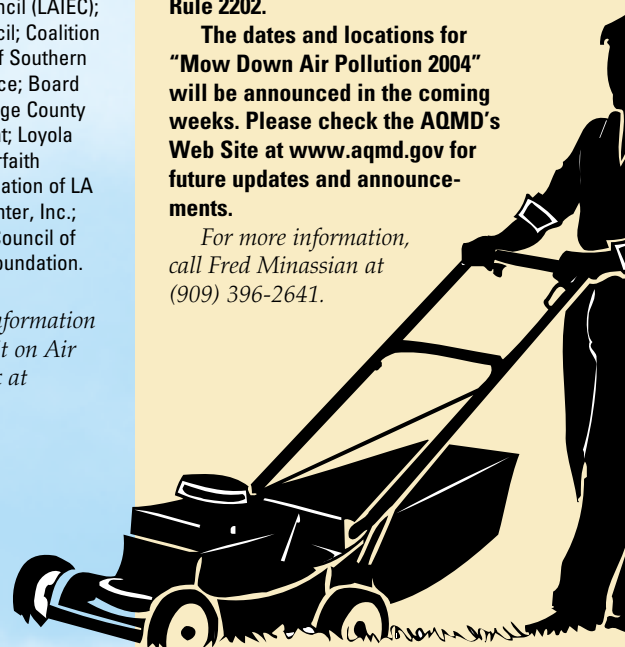
"As a result of the significant emission reductions and the popular demand created by the previous electric lawnmower exchange program, the Governing Board in October approved funding to hold additional events in 2004," said Barry Wallerstein, AQMD executive officer.

"The exchanges help remove from use older gasoline-powered mowers which pollute as much in one year of typical use as a new car driven more than 86,000 miles. The program also provides consumers with the opportunity to do their part for cleaner air," Wallerstein added.

The program is funded through the AQMD's Air Quality Investment Program, which in turn is financed by Southland companies that pay a fee to secure equivalent emission reductions as required by AQMD's Rule 2202.

The dates and locations for "Mow Down Air Pollution 2004" will be announced in the coming weeks. Please check the AQMD's Web Site at www.aqmd.gov for future updates and announcements.

For more information, call Fred Minassian at (909) 396-2641.



Our Faith ~ Our Planet
AN INTERFAITH SUMMIT ON AIR QUALITY

Hosted by the South Coast Air Quality Management District (AQMD)
February 19, 2004, USC Davidson Conference Center, Los Angeles

As devoted and effective advocates of environmental protection, faith communities across the globe are united in their commitment to protect and preserve our natural world. AQMD is honored to host civic leaders, educators, clergy and leadership from various faiths for this educational forum on environmental stewardship and responsibility, and to explore opportunities for partnership and empowerment.

Learn how your organization can collaborate with AQMD to clean the air that we breathe!

Tentative Program

8:00 am	Continental Breakfast & Registration
9:00 am	Faith Declarations and Opening Remarks
9:15 am	Keynote: AIR QUALITY AND ENVIRONMENTAL JUSTICE
9:25 am	Panel: SPIRITUALITY AND THE EARTH/INTERFAITH PERSPECTIVES ON THE ENVIRONMENT
10:30 am	Break
10:45 am	Working Sessions
11:35 am	YOUTH EDUCATION AND EMPowerment: TOOLS FOR RELIGIOUS SCHOOL EDUCATION REGARDING ENVIRONMENTAL ISSUES
12:30 pm	GREENING OUR INSTITUTIONS: TOOLS FOR TAKING ACTION IN OUR OWN BACKYARDS INCLUDING STRATEGIES FOR EFFECTIVE LEGISLATIVE ADVOCACY
	Working Lunch and Presentation of Group Action Plans

For more information, please call 213-891-2965 and speak with Kevin Murray or Sylvia Palafox.

AQMD - Cleaning the air that we breathe - South Coast Air Quality Management District (AQMD) is the air pollution control agency for Orange County and major portions of Los Angeles, San Bernardino and Riverside counties. The AQMD is responsible for achieving and maintaining healthful air quality for the 16 million residents living in this four-county region.

Clean Air PEOPLE

Meet the diversely talented people who work at the AQMD.

AQMD Advisor

Jean Ospital



Cynthia Zwinggi

Cynthia Zwinggi said that when she was growing up in San Gabriel during the seventies, she never dreamed that one day she would be a part of the process that has helped clean its smoggy, hazy and hurtful air. "This has been a journey that I'm proud to be a part of," she added.

Cindy joined the District on May 13, 1991, as a Subscription Services Clerk. Later, she began to rotate into the Mail Center to job share, and continues to split her time between Subscription Services and the Mail Center.

"All of the Public Workshop, Public Consultation Meetings and Public Hearings go through Subscription Services," Cindy explained. "As for the mail center, we all know how important that is. We are either sending out an urgent piece of mail or waiting for one to come in." Cindy commented that she knows all of the names at the District, having worked in the mail center, but she is still excited about putting a face to a name.

Prior to coming to AQMD, Cindy worked at J.E. DeWitt, an oil company in South El Monte, and before that, she and her husband owned and operated a Deli for ten years. An avid gardener and craftsperson, she enjoys creating "garden art". Cindy is also a world traveler having toured Europe, Russia, Hong Kong, Canada and the Caribbean. Her "children" are a mixed-breed dog called Charo, a Siamese cat named Xena, and a long-haired tuxedo cat that answers to the name, Buster.

With her sister living in Whittier and a 90 year-old mother nearby, Cindy says Southern California will remain her home, and that she will continue to promote ways to help clean the air.

AQMD's Health Effects Officer, Jean Ospital says that if he can help to clean the air and reduce pollutants, then he will have made a positive contribution through his work focusing on health issues that stem from diesel, particulate matter and air toxics.

Ospital's "positive contributions" began when he spent almost a year with the Peace Corps in El Salvador addressing the poverty, malnutrition and infant death rate issues facing that country, between earning his degrees as a health educator and an environmental scientist. While researching the role of ozone and nitrogen dioxide in producing lung injury for his doctoral thesis at the University of California, Los Angeles (U.C.L.A.), his concern about environmental health emerged. After completing his doctorate, Jean spent four years at U.C.L.A. researching air pollution health effects.

With more than 20 years experience in the environmental health field, Ospital coordinates closely with the planning and technology advancement departments. As new fleet rules are

developed, he supports the rules staff by characterizing which emissions are significant contributions to health risks. He also works closely with other government agencies regarding studies on air pollution and its effects on health.

"I see my role as taking research results and technical information and translating that into a format, which is useful for supporting reasonable regulations to project health," explains Jean. Prior to joining AQMD, he worked for Southern California Edison Company's Research & Development and Environmental Affairs divisions where he was introduced to State and Federal air quality regulations and the AQMD and its role in managing air quality.

Jean holds multiple degrees: a Bachelor of Science in chemistry from the University of California, Santa Barbara, and a Master's in public health, health education and behavioral sciences, as well as a Doctorate in public health, environmental health sciences from the University of California, Los Angeles.

He, his wife and son reside in Westchester.

Kathryn Higgins



Ever since she can remember, Kathryn Higgins has wanted to work in the public health field. "As a child I wanted to be a pediatrician," she said. But somewhere along the way, her path diverted from practicing medicine to working at the AQMD.

While interning with the State Department of Health Services, Kathryn attended an AQMD meeting with her boss. As that position was near its end, her boss recommended that she consider the AQMD. With her degree in Applied Ecology from UC Irvine, she submitted her application and about six months later, in November 1987, she accepted a position as

an AQMD air quality inspector.

Kathryn has worked her way through the agency - from her inspector's position in Enforcement to staff specialist in Public Affairs/Transportation. In 1993, she applied for her current position, Program Supervisor in the Transportation Programs group. Kathryn, with the assistance of her five-member staff, oversees the AB2766 Subvention Fund Program providing technical assistance to cities that collectively receive \$17 million worth of funding to reduce mobile source emissions.

She also supervises regional transportation programs working with the Southern California Association of Governments to ensure that its regional transportation program is consistent with the goals and objectives of AQMD's Air Quality Management Plan. In addition, Kathryn and her group coordinate the agency's Employee Transportation Coordinator training for the region; and she currently is involved in the upcoming amendments to AQMD Rule 2202 (Mobile Source Emissions Mitigation Programs).

She and her husband, Clifford, have two daughters - Krystle, 12, and Christina, 10. "My family is the joy of my life," she said. That joy also extends to another family - her church. Her love for the youth motivates her service as a Sunday school teacher, youth choir director, and choreographer for the praise dance team.

Though Kathryn did not become a pediatrician, her work at AQMD is important for ensuring that the public's health - especially children's health - is protected from the harmful effects of air pollution. "It's the whole concept that everyday we are doing something to improve public health... that lives are better because of the work we do," she added.

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AQMDAdvisor



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Briefly...

RULE COMPLIANCE PROMOTION CLASSES

Upcoming Compliance classes will be held as follows:

Rule 461-Gasoline Transfer and Dispensing

Pre-registration is required for the following three classes. All classes are held at AQMD Diamond Bar headquarters. To reserve a space, download the registration form at www.aqmd.gov/comply/complclass.html or call (909) 396-3058.

Daily Self-Inspection Classes

■ February 5
The classes are held from 8:30 a.m. to 4:00 p.m. There is a \$50 class fee.

Tester Orientation Training

■ February 13
The classes are held from 8:30 a.m. to 5:00 p.m. There is a \$100 class fee.

Annual Periodic Inspections

■ February 19 & 20
This two-day class is held from 8:30 a.m. to 5:00 p.m. on the first day and from 8:30 a.m. to 4:00

p.m. on the second day. There is a \$150 class fee.

Rule 403-Fugitive Dust

■ January 14, 2004
AQMD Diamond Bar Headquarters

■ January 29, 2004
Coachella Valley
73-710 Fred Waring Drive,
Palm Desert

There is no fee, but pre-registration is required. To reserve a space, call Sharon Fujimoto at (909) 396-2183.

Rule 1403-Asbestos Demolition/ Renovation Activities

■ January 14
■ February 11
■ March 17
■ April 14
■ May 12
■ June 16

The classes are held from 8:00 a.m. to 1:00 p.m. at AQMD headquarters. There is a \$30 class fee. Registration can be arranged by calling (909) 396-2381 or by sending e-mail to jmoore@aqmd.gov.

Rule 1176 Inspection Training

■ January 15
■ January 16
Both classes are held from 8 a.m. to noon at AQMD's

Diamond Bar Headquarters. There is a \$75 registration fee. To reserve a space, call (310) 233-7005 or send an e-mail to mruscio@aqmd.gov.

EMPLOYEE COMMUTE REDUCTION PROGRAM TRAINING CLASS

■ January 29 & 30-Diamond Bar
■ February 11 & 12-Anaheim
■ March 11 & 12-Diamond Bar
Program training classes for new Employee Transportation Coordinators are held for two full days from 8:00 a.m. to 5:00 p.m. There is a \$52.79 registration fee. To reserve a space or receive information on location of future classes, call Lisa Patterson at (909) 396-2283.

CERTIFIED PERMITTING PROFESSIONAL

■ June 18-AQMD Headquarters
The exam begins at 8:00 a.m. and ends at 5:00 p.m. There is an exam fee of \$150. To register, send an e-mail to phaimov@aqmd.gov including your name, company, address, work phone, fax, and e-mail address. The last day to register is June 4, 2004. For additional information, please call the CPP Hotline at (909) 396-3383.

DIESEL-WHAT THE FUTURE HOLDS

■ January 27 & 28 - AQMD
Diamond Bar Headquarters
This CAPCOA conference will provide a broad overview of the latest information on policy, health effects, and the current state of technology regarding diesel fuels, engines, and emission control equipment. For more information, refer to <http://www.capcoa.org>.

AQMDAdvisor

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

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