

Cleaning the air  
that we breathe...®



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## AQMD CHAIRMAN ANNOUNCES CLEAN PORT INITIATIVE

**A**t a historic meeting of the AQMD Board in the Long Beach City Council Chambers on November 4, AQMD Chairman William A. Burke announced a Clean Port Initiative, signaling a major step forward in reducing emissions from the ports of Los Angeles and Long Beach.

"Reducing air pollution at the ports is the single most important challenge facing us as we work to achieve healthful air quality in the Southland," Burke said. "AQMD's Clean Port Initiative will build on cleanup efforts to date and take them to a new level."

AQMD took its Board "on the road" as part of Chairman Burke's 2005 "AQMD is Clearing the Air" initiative to bring AQMD's decision makers directly to a community that is seriously impacted by air pollution.

AQMD's Clean Port Initiative includes four guiding principles and seven action items. At press time, a proposed work plan was scheduled to be presented at the January 6 Board meeting for approval.

The four guiding principles are:

1. AQMD acknowledges the efforts of both ports to date in recognizing their air pollution problem and taking initial steps to address it;
2. The proposed No Net Increase plan for the Port of Los Angeles is a good start, but it's not enough. The ports need to reduce their emissions to achieve clean air;
3. The ports of Los Angeles and Long Beach must pursue coordinated emissions-reduction strategies to ensure equity and to prevent one port from obtaining a competitive edge through less stringent environmental standards; and
4. The ports and shipping companies should bear their fair share of the cost of cleanup, just as stationary sources do today.

The seven action items are:

1. AQMD will request a Clean Port Summit meeting between Chairman Burke, Los Angeles Board of Harbor Commissioners President S. David Freeman and Port of Long Beach Commission President Doris Topsy-Elvord to discuss development and coordination of fast-track measures that can be pursued now to reduce air pollution;
2. If the ports do not act aggressively and in a timely, coordinated manner to significantly reduce their emissions, AQMD staff will develop regulations to the maximum extent of its authority to control port sources, including ocean-going ships;
3. Starting next year, AQMD staff will prepare a monthly report to the public describing environmental impact reports and other CEQA documents for projects related to goods movement. In addition, AQMD staff will make full use of the CEQA process for such projects to ensure that their impacts are thoroughly mitigated;
4. AQMD staff will work with the ports to conduct air quality monitoring, not only outside the ports' boundaries, but also within the port terminals;
5. AQMD will call on the U.S. EPA to adopt strict emission standards for marine vessels. If EPA fails to do so, AQMD will ask California's Congressional delegation to sponsor legislation or take other action to force EPA to take aggressive action;
6. Focusing on the top three busiest ports in Asia, AQMD staff will develop a proposal for joint emission reduction measures here and at those Asian ports. AQMD will then coordinate an international summit with Asian port officials to discuss how to implement these measures.
7. AQMD will call on the state Legislature in 2006 to adopt a shipping-container fee or some other mechanism that is sufficient to fund cleanup at the ports.

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



## REFINERY FLARE RULE AMENDED TO REDUCE SULFUR

**A**QMD's Rule 1118 – Emissions from Refinery Flares – was amended in November to reduce sulfur emissions from vent-gas flaring at refineries and other facilities in the region.

First adopted in 1998, Rule 1118 required refineries and related facilities to collect emissions data from their flaring. Data collected from 1999 through 2003 revealed that while sulfur oxide (SOx) emissions from flaring significantly decreased during that period, most flaring was not during emergencies and flaring still represented a significant source of SOx emissions.

Changes to the flare rule will:

- Prohibit vent-gas flaring except during emergencies, shutdowns, startups and other essential operational events, beginning January 1, 2007;
- Require facilities to analyze and report to AQMD the cause of significant flaring events;
- Establish facility performance targets with declining SOx emissions requirements from 2006 through 2012 and require flare minimization plans for facilities failing to meet the established targets;
- Impose mitigation fees from \$25,000 to \$100,000 per ton of emissions above a facility's performance target limit, with a maximum fee limit of \$4 million per year;
- Strengthen monitoring, data collection and quantification procedures of flaring events; and
- Expand notification and reporting requirements.

Changes to Rule 1118 are expected to reduce SOx emissions from about 2 tons per day in 2003 to less than 0.5 ton per day by 2012.

For more information, contact Larry Bowen at (909) 396-2575.

# Board Approves Environmental Justice Work Plan for 2005-06

**S**ince 1997, the AQMD has worked to identify and address community Environmental Justice (EJ) concerns, particularly as raised by low income, ethnic minority communities who may be disproportionately impacted by localized emissions and mobile source pollutants. The program receives periodic review and annual work plan enhancements are approved by the Board.

At its December meeting, the Governing Board approved the following items under the Work Plan for FY 2005-06.

- **School Site Selection Guidance Document Outreach**  
Staff will conduct outreach throughout the four-county region to inform school personnel about the recently completed School Site Selection Guidance document and encourage them to reference it to consider air quality issues and how to best protect students from the harmful impacts of air pollution and toxic air emissions as they select school site locations.
- **Enhanced AB 2588 Air Toxics Website**  
Emissions data available on the agency's website will be expanded to include information on health risks of the most common air toxics and links to other websites for related information. Emission data can be searched at [www.aqmd.gov/aer/DataInquiry.html](http://www.aqmd.gov/aer/DataInquiry.html), or select "Community" / "EJ" on AQMD's home page at [www.aqmd.gov](http://www.aqmd.gov).
- **Enhanced Permit Information Access on AQMD's Website**  
Staff plans, in the coming year, to provide expanded search capabilities to improve public access to approximately 500,000 active and inactive permits on the AQMD website and Hearing Board information on the web.
- **MATES III Study Community Outreach**  
Due to the unusual amount of rain last fall and winter, the Governing Board approved the continuation of the Multiple Air Toxics Exposure Study (MATES III) sampling period through March 2006. After the data is analyzed and the results are available, staff will begin a series of community briefings at several monitoring site locations to inform residents of findings within their neighborhoods.

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

## Air Quality Legislation Summary for 2005

**D**uring 2005, AQMD sponsored three bills in the State Legislature and took positions on 52 bills. The three sponsored bills were AB 888 -- Railroad-Yard Equipment Emission Reduction Program (De La Torre); SB 459 -- Locomotive Air Pollution Mitigation Program (Romero); and AB 1222 -- Locomotive Air Pollution Control: High-Polluting Locomotive Program (Jones).

AB 1222, which was signed into law by the Governor, requires the California Air Resources Board (CARB) to implement a pilot program to determine emissions from locomotives using wayside remote sensing devices. The results will be used to identify higher-emitting locomotives.

Both AB 888 and SB 459 were turned into two-year bills and will be heard by the Legislature in 2006. AB 888 would authorize the South Coast AQMD to adopt regulations requiring the owner or lessee of any heavy-duty motor vehicle, non-road engine, or non-road vehicle that operates primarily within a rail yard to install retrofit controls or replace existing equipment with clean technologies to reduce emissions of air contaminants. AB 459 would authorize South Coast AQMD to adopt a locomotive emission impact fee to be imposed on specified railroad companies that operate within AQMD's jurisdiction, if specified requirements are not met.

On the federal legislative side, the Diesel Emissions Reduction Act of 2005 was amended to provide the AQMD, through CALTRANS, with \$2 million to reduce diesel emissions in the Basin over a five year period. Also, through AQMD's efforts, a provision was removed from the federal energy bill that would have precluded AQMD authority to permit refineries and other large energy projects.

For more information, contact Oscar Abarca at (909) 396-3242.

## BOARD ACTIONS

# 2005 Year in Review

Following are quarterly highlights of AQMD Governing Board actions in calendar year 2005. Although much progress is still needed to achieve healthful air standards, the year's smog season was one of the cleanest on record in the South Coast region.

### 1st QUARTER

- Adopted rules to significantly further reduce emissions from sand and gravel production facilities and the aerospace industry.
- Adopted phased-in changes to the REgional CLean Air Incentives Market (RECLAIM) to bring about a 20 percent reduction in NOx emissions from major permit-holding facilities.
- Adopted Chairman Burke's "Clearing the Air" initiative to engage residents and opinion leaders in dialog on how to accelerate clean air gains.
- Awarded funding for eight compressed natural gas (CNG) fueling stations in the four-county region.

### 2nd QUARTER

- Approved the Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning as a voluntary reference tool for local governments seeking to prevent or reduce potential adverse air pollution impacts.
- Approved incentive funding for purchase or lease of natural gas home refueling appliances.
- Approved co-funding for truck-stop electrification to help reduce NOx, PM, and air toxics from idling heavy-duty engines.

### 3rd QUARTER

- Following concerned testimony by numerous elected officials and community representatives opposing the CARB/Railroad Statewide MOU, the Governing Board directed staff to continue AQMD's ongoing legislative and rulemaking efforts to reduce locomotive emissions in the four-county area.
- Approved a \$4 million voluntary pilot program utilizing remote sensing to detect gross-polluting cars and provide incentives to repair or scrap them.

### 4th QUARTER

- Adopted rules to require: assessing cancer risk from rail operations; more stringent risk requirements for new or relocated facilities siting near existing schools; and reduced emissions from vent-gas flaring, cement manufacturing, and coatings used at autobody shops.
- Chairman William Burke announced a Clean Port Initiative to bring increased focus on reducing emissions at the region's major marine port complex at the harbors of Los Angeles and Long Beach.
- Allocated funding to: replace 1,500 two-stroke backpack leaf blowers with new lower-emitting four-stroke models, to be implemented through an exchange program in early 2006; and to retrofit diesel school buses with oxidation catalysts to reduce harmful diesel exhaust emissions.

# AQMD ADOPTS TWO RULES TO REDUCE EMISSIONS FROM CEMENT PLANTS AND TOXIC-EMITTING FACILITIES NEAR SCHOOLS

**I**n November, AQMD adopted a new measure that will cut particulate emissions in half by 2010 from various processing equipment, storage piles and facility roadways at the region's two cement manufacturing plants -- California Portland Cement in Colton and Riverside Cement Co. in Riverside.

Specifically, Rule 1156 -- Further Reduction of Particulate Emissions from Cement Manufacturing Facilities -- includes:

- The first local performance standards in the nation for dust control requiring collection systems to minimize dust, as well as requirements for leak detectors and opacity monitors to ensure compliance;
- Stricter limits on visible dust;
- Processing, loading and unloading, and transferring operations must be covered or enclosed and vented to a dust control system;
- Paved roadways must be swept daily, and chemical stabilizers used for all unpaved roads; and
- Dust suppressants or other dust control measures shall be applied to cement plant activities.

Rule 1156 will help the region achieve the 2006 federal deadline for PM10 air quality.

AQMD's Board in November also adopted a rule to reduce the potential cancer risk to students from new or relocated facilities close to schools. Rule 1401.1 -- Requirements for New and Relocated Facilities Near Schools -- will require new facilities locating within 500 feet of a school (or 1,000 feet in certain cases) to limit its cancer risk to less than one in 1 million. Currently, new facilities must meet a maximum cancer risk threshold of one in 1 million for each individual piece of equipment with toxic emissions, or 10 in 1 million if the equipment meets requirements for best available control technology.

The adoption of Rule 1401.1 fulfills one of the measures outlined in AQMD's 2003 strategy for reducing cumulative impacts from air pollution.

*For more information on Rule 1156, call Lee Lockie at (909) 396-2390. For more information on Rule 1401.1, call Susan Nakamura at (909) 396-3105.*

## 2006 Compliance Deadlines

The following is a reminder for AQMD rule compliance deadlines that occur during 2006. 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/rulesreg.html](http://www.aqmd.gov/rules/rulesreg.html).

### Continuous Emission Monitoring (Rule 218)

By May 14, 2006, all existing CEMS as prescribed in Rule 218, shall comply with the provisions of Rule 218.1 as applicable. The owner/operator may apply for a waiver under this subsection three-year after

May 14, 2006.

**Deadline:** May 14, 2006

**Contact:** Dairo Moody (310) 233-7006

### Fugitive Dust (Rule 403)

Beginning January 1, 2006, operators of confined animal facilities shall implement specific conservation management practices.

**Deadline:** January 1, 2006

**Contact:** Pat Hotra (909) 396-2995

### Sulfur Content of Gaseous Fuels (Rule 431.1)

Annual Report of Landfill or Sewage Digester Gas Monthly Fuel Consumption and Total Sulfur Content of Fuel Consumed

**Deadline:** March 1, 2006

**Contact:** David Jones (909) 396-2317

### Sulfur Content of Liquid Fuels (Rule 431.2)

By June 1, 2006, a refiner or importer in the South Coast Air Basin shall not produce or supply diesel fuel which exceeds 15 ppm sulfur by weight.

**Deadline:** June 1, 2006

**Contact:** Jeannette Holtzman  
(909) 396-3650

### Gasoline Transfer and Dispensing (Rule 461)

By June 30, 2006, prior to installing Phase I or Phase II EVR, contractors shall complete the state certification program, and for a non-retail gasoline transfer facility, an owner/operator shall implement a maintenance and documentation program.

**Deadline:** June 30, 2006

**Contact:** Nola Oriola (909) 396-2382

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

No FCCU shall be operated unless the operator can comply with new PM10 emission limits or demonstrate equivalent PM10 emission reductions through the use of alternative compliance method(s) by December 31, 2006. This deadline may be extended up to two years as necessary to synchronize the installation of PM10 control equipment with FCCU turnaround, pending District approval

by December 31, 2006, of a written extension request submitted no later than July 1, 2006. Operators with FCCUs that meet the new PM10 emission limits shall conduct a source test by July 1, 2006, to demonstrate compliance with these new limits.

**Deadlines:** July 1, 2006 &  
December 31, 2006

**Contact:** Dairo Moody (310) 233-7006

### Coating of Metal Parts and Products (Rule 1107)

Exemptions shall expire for the application of specified coatings.

**Deadline:** July 1, 2006

**Contact:** Mark Von Der Au (909) 396-2182

### Emissions From Gaseous- and Liquid-Fueled Engines (Rule 1110.2)

By January 1, 2006, operators of any agricultural stationary engines subject to this rule shall comply with specific requirements and comply with monitoring, testing, and record-keeping requirements.

**Deadline:** January 1, 2006

**Contact:** Marty Kay (909) 396-3115 &  
Steve Jones (909) 396-2094

### Architectural Coatings (Rule 1113)

By April 1, 2006, manufacturers of clear brushing lacquers shall submit annual reports to Executive Officer on an annual basis. Effective July 1, 2006, an averaging compliance option is available for several architectural coating operations; the exemption ends for specified finishes, varnishes, sealers, lacquers in containers having capacities of one

quart or less; and the averaging compliance option provision expires for quick-dry primers, sealers, and undercoaters. On December 31, 2006, roof coatings with VOC content of 100 g/L or less are not subject to VOC limits. The VOC limit for lacquers shall not be applicable until January 1, 2007 if specified criteria are met.

**Deadline:** July 1, 2006, April 1, 2006, December 31, 2006 & January 1, 2007

**Contact:** Dave De Boer (909) 396-2329

#### Control of Emissions from Refinery Flares (Rule 1118)

Effective January 1, 2006: (1) pilot flames must be lit and monitored by a thermocouple or equivalent during refinery flare operation, and flares must be operated in a smokeless manner, (2) gas flow, higher heating value, and sulfur content shall be monitored, and recorded, and flare SO<sub>2</sub> emissions shall be minimized to 1.5 tons/mmbbl crude capacity, (3) refineries must notify the AQMD 24 hours before planned flare events and 1 hour before unplanned flare events resulting in excess emissions and must report the specific cause of such emissions, (4) flare operating data, including daily emissions and annual leak survey results, shall be reported to the AQMD quarterly and refineries must provide a 24-hour telephone service to handle flare event inquiries from the public. Refineries must also submit a Revised Flare Monitoring & Recording Plan application and fees by June 30, 2006, make video recordings of visible emissions available for review by the AQMD by July 1, 2006, and must provide the AQMD with detailed information about process and equipment by September 1, 2006.

**Deadlines:** January 1, 2006, June 30, 2006, July 1, 2006 & September 1, 2006.

**Contact:** Sharon Garrett (310) 233-7010

#### Control of Nitrogen Oxides from Residential-type, Natural Gas-Fired Water Heaters (Rule 1121)

Effective January 1, 2006, all certified gas fired water heaters shall comply with the new NO<sub>x</sub> emission levels. Until July 1, 2006, a person may distribute, sell, offer for sale, or install any compliant gas-fired water heater less than or equal to a 50 gallon capacity that is manufactured prior to January 1, 2006.

**Deadlines:** January 1, 2006 & July 1, 2006  
**Contact:** Moustafa Elsherif (909) 396-3113

#### Solvent Degreasers (Rule 1122)

Effective January 1, 2006, vapor degreasing operations shall be performed using a solvent with a VOC content of no more than 25 g/L, as used, unless specifically exempt.

**Deadline:** January 1, 2006

**Contact:** Dave De Boer (909) 396-2329

#### Emission Reductions from Livestock Waste (Rule 1127)

Effective January 1, 2006, dairy operators disposing of manure shall remove or contract to remove the manure to specific locations. Effective January 1, 2007, an operator shall submit annual reports by January 15 of every year to the Executive Officer.

**Deadlines:** January 1, 2006 & January 1, 2007

**Contact:** Pat Hotra (909) 396-2995

#### Composting and Related Operations-General Administrative Requirements (Rule 1133)

Registration update

**Deadline:** July 1, 2006

**Contact:** Rich Tambara (909) 396-2319

#### Emission Reductions from Co-Composting Operations (Rule 1133.2)

An existing co-composting facility shall demonstrate the required control efficiency of 80% reduction of VOC and ammonia emissions by a source test conducted on or before January 1, 2007, and every two years thereafter.

Effective January 1, 2007, new and existing co-composting operations with a facility design capacity of 100,000 tons of throughput per year or more shall conduct operations in a control enclosure or submit a compliance plan to otherwise reduce VOC and ammonia emissions.

**Deadline:** January 1, 2007

**Contact:** Rich Tambara (909) 396-2319

#### Plastic, Rubber, Leather, and Glass Coatings (Rule 1145)

Effective January 1, 2006 and January 1, 2007, the allowable VOC content of certain plastic, glass, leather and rubber coatings decreases.

**Deadline:** January 1, 2006 & January 1, 2007

**Contact:** Mark Von Der Au (909) 396-2182

#### Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers (Rule 1146.2)

On or after January 1, 2006, specific units more than 15 years old must meet NO<sub>x</sub> and CO emissions limits required by the rule.

**Deadline:** January 1, 2006

**Contact:** Steve Jones (909) 396-2094 & Moustafa Elsherif (909) 396-3113

#### Oil and Gas Production Wells (Rule 1148.1)

Effective January 1, 2006, the operator of an oil and gas production facility shall not allow natural gas or produced gas to be vented into the atmosphere.

**Deadline:** January 1, 2006

**Contact:** Rodolfo Chacon (909) 396-3245

#### Further Reductions of Particulate Emissions From Cement Manufacturing Facilities (Rule 1156)

By February 2, 2006, the operator shall comply with requirements for all inactive open stor-

age piles and keep records to demonstrate status of inactivity. By May 4, 2006, owners/operators must meet new requirements, including reduction of visible emissions, modifying permits to operate to install control equipment, and develop Operation and Maintenance Procedures. By December 31, 2006, or no later than one calendar year from the date specific threshold is exceeded, the operator shall store clinker in an enclosed storage area under specific requirements and install control equipment. Subject owners/operators shall provide, at least once each calendar year, the "Fugitive Dust Advisory" flyers prepared by the District to any company doing business with the facility.

**Deadlines:** February 2, 2006, May 4, 2006, & December 31, 2006

**Contact:** Brett Kimberly (909) 396-2510

#### Solvent Cleaning Operations (Rule 1171)

Effective July 1, 2006, the VOC limits for screen printing, lithographic or letter press printing for roller wash, and ultraviolet ink/electron beam ink application becomes 100 g/L.

**Deadline:** July 1, 2006

**Contact:** Dave De Boer (909) 396-2329

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

Operators of external floating roof tanks with year 2000 annual VOC emissions of 20 tons or more shall either: (1) dome at least 2/3 of such tanks by January 1, 2006, or (2) submit a compliance plan demonstrating that 75% of such tanks shall have domes installed by December 31, 2006, and 100% of such tanks shall have domes installed by December 31, 2008.

**Deadlines:** January 1, 2006 & December 31, 2006.

**Contact:** Chris Manzanares (310) 233-7001

#### PM-10 Emissions from Paved and Unpaved Roads, and Livestock Operations (Rule 1186)

Beginning January 1, 2006, any owner or operator of a public or private paved road shall construct, or require to be constructed, all new or widened paved roads in accordance with the American Association of State Highway and Transportation Officials (AASHTO) guidelines or the applicable equivalent locally adopted guidelines for curbing, width of shoulders, and medians as specified in this subsection.

**Deadline:** January 1, 2006

**Contact:** Pat Hotra (909) 396-2995

#### Less-Polluting Sweepers (Rule 1186.1)

Before July 1, 2006, subject fleet operators must purchase or lease a non-alternative fueled sweeper with all applicable approved control device(s), and maintain the approved control device(s) per manufacturer's speci-

fications, and if using diesel fuel, fuel the sweeper with low-sulfur diesel fuel only.

**Deadline:** July 1, 2006

**Contact:** Dave De Boer (909) 396-2329

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

For a new facility starting business between December 6, 2002 and January 1, 2003, the owner/operator shall submit an initial report by January 1, 2007. The owner/operator shall submit to the Executive Officer a quadrennial update report by January 1, 2007 and every four years after that date.

**Deadline:** January 1, 2007

**Contact:** Pat Hotra (909) 396-2995

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

Biennial training and certification

**Deadline:** May 1, 2006

**Contact:** Sam Vergara (909) 396-2318

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

Ongoing Compliance Status and Emission Report for Calendar Year 2005

**Deadline:** February 1, 2006

**Contact:** Sam Vergara (909) 396-2318

#### Spraying Operations Using Coatings Containing Chromium (Rule 1469.1)

On and after January 1, 2006, a person shall not apply primers or coatings containing chromium at a facility unless they use specific methods and subject owners/operators shall submit a Compliance Plan to the Executive Officer. No later than July 1, 2006, an owner/operator of a facility shall submit application(s) for new control equipment or modification of existing control equipment as specified in the Compliance Plan. Subject owners/operators that do not have an approved health risk assessment as of January 1, 2006, shall submit to the Executive Officer no later than July 1, 2006, an emissions inventory and health risk assessment for existing sources, and new sources where a permit application is submitted on or before January 1, 2006. The source test protocol and source test report must be approved by the Executive Officer prior to January 1, 2006.

**Deadlines:** January 1, 2006 & July 1, 2006

**Contact:** Brian Yeh (909) 396-2584

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

As of January 1, 2006, there are specific requirements for Compression Ignition (CI) engines over 50 bhp. Sellers of engines have to report all sales by January 31 of every year starting 2006 for sales in 2005.

**Deadlines:** January 1, 2006, January 31, 2006 & January 1, 2007

**Contact:** Mike Gonzalez (909) 396-2405

#### Emissions Inventory and Health Risk

##### Assessment for Railyards (Rule 3503)

On or before April 7, 2006, an operator of a railyard shall submit an Interim Railyard Emissions Inventory Report of specific emission sources within the railyard. On or before October 9, 2006 an operator of a railyard shall submit a railyard-wide criteria pollutant and toxic air contaminant emissions inventory to the Executive Officer.

**Deadlines:** April 7, 2006 & October 9, 2006

**Contact:** Tom Chico (909) 396-3149

## 2006 Title V Deadlines

**January 1 - February 28.** All facilities must submit a Semi-Annual Monitoring (SAM) report for the last six calendar months of the year 2005. [Rule 3004(a)(4)(F)]

**January 1 - March 1.** All non-RECLAIM and RECLAIM Cycle 1 facilities must submit an Annual Compliance Certification (ACC) report for the previous calendar year. [Rule 3004(a)(10)(E)]

**July 1 - August 31.** All facilities must submit a Semi-Annual Monitoring (SAM) report for the first six calendar months of the year 2006. [Rule 3004(a)(4)(F)]

**July 1 - August 29.** All RECLAIM Cycle 2 facilities must submit an Annual Compliance Certification (ACC) report for the previous compliance year. [Rule 3004(a)(10)(E)]

## 2006 RECLAIM Deadlines

Editor's Note: Below are the 2006 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 – March 1.** All Cycle 1 facilities must submit Compliance Year 2005 Annual Permit Emission Program (APEP) reports. [Rule 2004 (b)(4)]

**March 31.** Facilities seeking exemption from RTC reduction for Compliance Year 2007 and after must submit complete application to AQMD no later than this date. [Rule 2002(i)]

**June 30.** Cycle 2 facilities must complete source tests on all NOx large sources 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 large source can operate within the permitted RECLAIM NOx Concentration Limit and is applicable once every three-year period (2003-2006 in this case). [Rule 2012 (j)(2)]

**July 1 - Aug. 29.** All Cycle 2 facilities must submit Compliance Year 2005 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 AQMD website at [www.aqmd.gov/hb/gb\\_cal95.html](http://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 AQMD rules and regulations can be downloaded from the website at [www.aqmd.gov/rules/rules.html](http://www.aqmd.gov/rules/rules.html) or provided by AQMD's Public Information Center, (909) 396-2039.

## February



### **Proposed Rule 3501-Recordkeeping for Locomotive Idling; Proposed Rule 3502-Minimization of Emissions from Long Duration Idling**

Establishes monitoring and recordkeeping requirements for idling diesel locomotives, and requirements to reduce locomotive idling.

*For more information, contact Susan Nakamura at [snakamura@aqmd.gov](mailto:snakamura@aqmd.gov) or (909) 396-3105.*

Visit [www.aqmd.gov](http://www.aqmd.gov) or call 909-396-2432 / 1-800-CUT-SMOG for more information.

**T**he AQMD will host the conference, "Asthma Impacts of Air Pollution ... Healthier Solutions Today for Our Children's Tomorrow." This one-day event will be held at the Millennium Biltmore Hotel Los Angeles on Friday, February 17, 2006. It will highlight scientific findings that poor outdoor air quality is a preventable asthma trigger. The Mayor of Los Angeles, Antonio Villaraigosa will be the keynote speaker, with Bruce Hensel, M.D., Medical, Health & Science Editor/Reporter, NBC4 serving as moderator. In addition, many state legislators are expected to participate.

This conference, which will bring together key stakeholders, aims to raise the visibility of clean air choices available to policymakers. *For more information, contact Patrician Price at (909) 396-2690.*

## Recent Events

### • **Town Hall Meetings**

Over 200 residents attended a Town Hall meeting on Wednesday, October 19 in Long Beach. Attendees expressed concern about the health impacts of emissions from refineries, ports, and proposed goods movement facilities.

Approximately 80 residents attended a Town Hall meeting Thursday, November 10 in Claremont. Community members expressed concern about a proposed mining operation within the city boundaries.

### • **Cochran Air Show**

AQMD participated in the 2nd annual Jacqueline Cochran Air Show held at Thermal Airport on Saturday, November 5. AQMD displayed one of its colorfully wrapped Clean Air Choice vehicles and shared literature on the Clean Air Choice program. The event, attended by over 40,000 people, is one of the largest community outdoor events held in the Coachella Valley.

### • **BP/ARCO Settlement Funding Meetings**

AQMD hosted five community meetings during October and November seeking input from the public on how to spend \$6 million of settlement monies to fund projects and programs related to air pollution mitigation, research, public outreach and education and other projects to help improve air quality. Over 250 people attended the public meetings, which were chaired by Governing Board members. Based on this effort, community groups and organizations submitted 176 proposals.

### • **CARB Railroad MOU Meeting**

On Tuesday, October 27, California Air Resources Board (CARB) held a public meeting meeting in their El Monte offices to consider public comment on the CARB/Railroad Statewide Agreement for a Particulate Emissions Reduction Program at California Rail Yards, entered into on June 24, 2005. Over 200 elected officials, environmental groups and community activists joined AQMD officials to oppose the Memorandum of Agreement (MOU). Based on this opposition, CARB's Board instructed CARB staff to respond to concerns raised at the meeting and to return to the Board in three months.

*For more information, contact Pom Pom Ganguli at (909) 396-3185.*

## AQMD Announces "Color My World With Healthy Air" Calendar Contest Winners

The 2006 AQMD Calendar Contest, "Color My World With Healthy Air" attracted entries from Los Angeles, Orange, Riverside and San Bernardino counties. Students ranging from grades K-12 created artwork depicting their ideas of a world that is healthy, with clean air. The Grand Prize Winner is Georgiana Bortis, 9, a fourth grade student at Ranch Hills Elementary School in Diamond Bar. Winners for each month of the year include: Christie Ambos, Allen Chen, Ryan Dickerson, Kavita Kadiamada, Charlene & Charmaine Platon, Jeannette Rodriguez, Daniela Gonzalez, Oscar David Escoto Ramirez, Paulina Reyes, Van Sison, Suzy Gonzalez, and Kristy Yoo.

Complimentary calendars are available at the AQMD headquarters, Public Information Center, 21865 Copley Drive, Diamond Bar, by e-mailing [cleanaircongress@aqmd.gov](mailto:cleanaircongress@aqmd.gov) or calling Patrician Price at (909) 396-2690.



# Clean Air PEOPLE

Meet the diversely talented people who work at the AQMD

## Joseph Panasiti



AQMD Advisor

**J**oe Panasiti (pronounced Pann-uh-SET-tee) serves as one of six senior deputy attorneys in the District Prosecutor's office, which he first joined in July 1989.

Previously he practiced criminal law for eight years with the Public Defender's Office of Los Angeles County. Shifting to civil law at AQMD, he arrived at a time of a sea of change in response to concerns that the agency lacked sufficient prosecution resources.

"The District pointedly hired courtroom-seasoned attorneys to demonstrate to the public and to industry that we intended to have our laws followed," he says.

On the scale of compliance assurance,

civil and criminal enforcement is the most serious corrective action, beyond outreach, education, and inspection.

"In any action by our office, whether it's a prosecution, a settlement, or other means, deterrence is what we're after," he notes. "If a fine is involved, we must collect a penalty sufficient to make the violator not want to commit the wrong again. Depending on business type, that could be one thousand or several million dollars."

As a kid, Joe took a wide variety of summer jobs, and at age 13, he began stints in construction trades. "My dad was a building contractor," he says, "and from him I guess I

learned to trust my own judgment."

He went on to earn a bachelor's in Medieval European history from UC San Diego, and a juris doctorate from Southwestern Law School in Los Angeles. "In law school you learn how to learn, how to apply learning," he says.

In March 2005, AQMD's Prosecutor's Office and BP West Coast Products jointly announced settlement of an historic multi-million dollar lawsuit. Joe served on the legal team for the enforcement effort.

Joe has two grown daughters, Ryane aged 19, now at UC Davis, and Taylor, aged 17. Besides his kids, his other passions include snowboarding, flyfishing, and rockclimbing.

**W**hen Xuan (pronounced Swan) Vu read a professor's comment on his senior project as an engineering student more than two decades ago, he didn't know it also told his fortune: "Great work, and pay attention to the environmental impacts."

Fast forward to 2005, and Xuan is in his 22nd year at AQMD, now serving as a senior air quality engineer in the section that evaluates annual emission reports from permit-holding businesses.

Following graduation from Cal Poly Pomona with a bachelor's in chemical engineering, Xuan began his career in May 1984 as an assistant engineer doing source testing.

"It was an excellent training ground," he says, "and I learned how actual emissions are controlled under real-world conditions." He moved on to the unit charged with developing emissions inventories. "We compiled data on everything from home water heaters to oil fields to cruise ships in the harbors," he says. "My background gave me the mental tools to handle each category in a disciplined way."

He also helped to pioneer early RECLAIM program development.

In his personal life, Xuan is well acquainted with discipline. At age 20 he, along with his two brothers, emigrated from South Vietnam after the fall of that government in the spring of 1975.

He first attended Golden West College in Huntington Beach while also working full-time. He dismisses notions of stress. "If you set a goal, and you're headed in the right direction, how can you be stressed?" he asks.

Xuan and his wife Cam-Van, a computer engineer at Boeing, have three children, Elizabeth age 20, Thomas age 18, and Jerry age 10. All enjoy the outdoors, including camping and fishing. Xuan also teaches Tae Kwon Do, having earned a 3rd degree black belt. Even at leisure, he has an engineer's perspective: "Exercise helps give me increased energy."



Xuan Vu

**C**ommunication is in Grace Nunez's blood. Grace joined the AQMD in July of 1995 as a Radio Telephone Operator in the Communications Unit in AQMD's Public Affairs Division.

Besides handling up to 450 calls a day, plus the radio room, the communications unit takes care of many odd jobs, like stuffing envelopes and filling event bags. Grace stated "I enjoy the fast pace of the radio room and giving excellent customer service." Often, she explained, the caller is someone who has tried every other agency and comes to us as the last resort. They are often very frustrated. Grace stated "I feel really good about helping them find a solution to their air quality problem and staying calm and courteous is the key to handling their frustration."

Prior to joining the AQMD, Grace was a dispatcher for the Whittier Police Department and attended a 911 dispatching school to be POST certified at the Administration of Justice School in the city of Riverside. She also assisted as a matron for the female prisoners. Grace received her associate degree from Mount San Antonio College in Administration of Justice and Law Enforcement with a second degree in Dactylography, American Sign Language.

As one of nine siblings, Grace learned early on to get her point across. Most of her brothers and sisters still live in the Southland and they remain a big part of her life. She is a sponsor for her niece's softball team, and she attends many sports events to support her nieces and nephews. She is an avid swimmer and loves to play racketball. Her nephew has asthma and her brother passed away from a lung disease. She says that she has learned so much about the issues of poor air quality and its impact on her family that she is grateful that part of her job is to help educate her callers.

Grace stated "there is so much air quality information that we have for the public on how to make better choices, I just wish more people would take advantage of this information."

Grace Nunez





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## Address Service Requested

# Briefly...

### Rule Compliance Promotion Classes

#### Rule 1403-Asbestos Demolition/Renovation Activities

- January 18
- February 15
- March 15

The classes will be held from 8:00 a.m. to 1:00 p.m. at AQMD headquarters. There is a \$32.75 class fee. To register call (909) 396-2381 or send e-mail to [jmoore@aqmd.gov](mailto:jmoore@aqmd.gov).

#### Rule 2202-Employee Transportation Coordinator Training

- January 11, Torrance
  - January 19, Diamond Bar
  - February 8, Inland Empire
  - February 22, Diamond Bar
- Classes will be held from 8:00 a.m. to 5:00 p.m. Registration fee is \$57.63 per person. Enrollment

is limited to 20 students and classes will be filled on a first-come, first-served basis. To register, call Lisa Patterson at (909) 396-2283 or e-mail [lpatterson@aqmd.gov](mailto:lpatterson@aqmd.gov).

#### Rule 403-Controlling Dust in the South Coast Air Basin

- January 18
- February 15
- March 15

This half-day class will be held at the AQMD Headquarters from 8:30 a.m. to 11:30 a.m. There is no fee, but pre-registration is required. To register, call 1-866-861-DUST (3878) or email [dustcontrol@aqmd.gov](mailto:dustcontrol@aqmd.gov).

#### Rule 403.1- Controlling Dust in the Coachella Valley

- Every third Thursday of the month

This course will be 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. To register, call 1-866-861-DUST (3878) or email [dustcontrol@aqmd.gov](mailto:dustcontrol@aqmd.gov).



January 30-February 1, 2006  
Long Beach Convention Center

# AQMD Advisor

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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