

Cleaning the air  
that we breathe...



Volume 11  
Number 6  
November 2004

## Research Proves Air Pollution's Harmful Effects on Children's Lungs

**C**hildren living in the most polluted communities in Southern California are at greater long-term risk of having lung disease and other life-threatening respiratory problems according to new research conducted over an eight-year period.

Researchers at the University of Southern California say that the region's mix of tailpipe pollution and hovering dust, a common pollutant in the Coachella Valley, is stunting lung growth among children who are raised in smog.

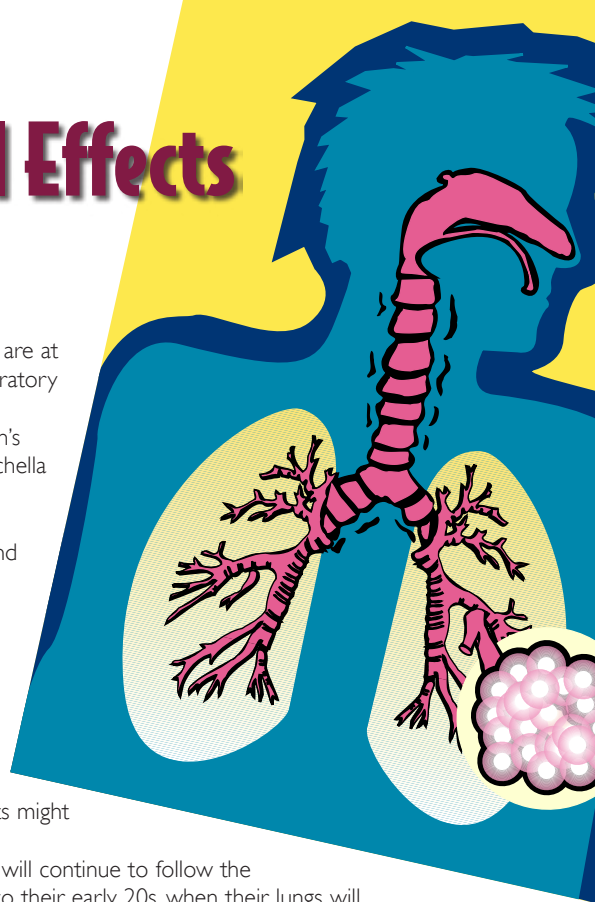
The study, which followed more than 1,700 Southern California kids between the ages of 10 and 18 in 12 communities for nearly a decade, found that about 8 percent of the 18-year-olds had lung capacity less than 80 percent, compared with 1.5 percent in communities with the least pollution.

Air pollution monitoring stations were established in each of the study communities collecting continuous data on levels of several common pollutants, such as ozone, nitrogen dioxide, and PM2.5 found in car and truck exhaust pipes, factories and power plants.

Researchers are unsure how air pollution may retard lung development. It is believed, however, that chronic inflammation and irritating small airways on a daily basis may play a role. Scientists also suspect that pollutants might dampen the growth of alveoli – tiny air sacs in the lungs.

The research team will continue to follow the study participants into their early 20s, when their lungs will mature and stop developing entirely. The team will also monitor whether the participants begin to experience respiratory symptoms and if those who moved away from a polluted environment show benefits.

For more information on the study, contact the USC News Service office at (213) 740-7600.



## New AQMD Appointee Named to Air Resources Board

**R**iverside Mayor and AQMD Governing Board Member Ron Loveridge was sworn in on August 12, 2004, as the South Coast Air Quality Management District's representative on the California Air Resources Board (ARB). Other members appointed by Governor Arnold Schwarzenegger are: Alan Lloyd, Sandra Berg, Dorene D'Adamo, Mark DeSaulnier, Henry Gong, Lydia Kennard, Barbara Patrick, Patricia Pineda, and Barbara Riordan.

Of the ARB's members, five are experts in fields such as medicine, chemistry, physics, meteorology, engineering, business, and law. Five others are elected officials who represent regional air pollution control agencies - one each from the South Coast region, San Francisco Bay area, San Diego, and the San Joaquin Valley, and one represents the other districts. Board members have no set term limits, they serve at the governor's pleasure, said Jerry Martin, spokesman for the ARB. The board meets once a month.

In a telephone interview with the *Press-Enterprise*, Loveridge said "Our air should be cleaner, and my commitment is to meet that objective." Riverside County Supervisor Roy Wilson, who also serves on the AQMD board as Vice Chairman, said he wrote to Governor Schwarzenegger recommending the Riverside mayor for the state board. He further stated that at AQMD, Loveridge "has been thoughtful, analytical and a real champion of clean air."

Loveridge replaces William Burke, who served on the Air Resources Board for more than four years before resigning in August. All appointments are pending state senate confirmation.

## New Law Will Help Stabilize Diesel Cleanup Funding

**A**ssembly Bill 923 (Firebaugh) was signed by Governor Schwarzenegger in September, creating more stable funding of the successful Carl Moyer Program. The Moyer program provides cost-sharing incentives for operators of diesel engines to replace or retrofit them with cleaner equipment.

AB 923 will increase the California tire fee amount on every new tire purchased and authorize local air districts to make modest adjustments to vehicle registration fees at the local level to fund important air pollution cleanup programs, including the Carl Moyer Program. These programs have proven to be vital to achieving clean and healthful air and meeting state and federal pollution control deadlines.

More than 260,000 heavy-duty, on-road diesel trucks are registered in the South Coast area, in addition to diesel-fueled engines used in construction and agriculture. These diesel engines contribute about 40% of all nitrogen oxide (NO<sub>x</sub>) emissions

from mobile sources. NO<sub>x</sub> contributes to ground-level ozone as well as fine particulate pollution, both associated with adverse health risks.

Under the Carl Moyer Program, private companies or public agencies operating heavy-duty engines in California can receive grants that cover the cost difference for cleaner on-road, off-road, marine and locomotive engines.

Cleaner engines can, in some cases, mean improved fuel economy and reduced fuel costs, a benefit to Moyer Program participants.

When a business participates in the Moyer program, it also reinforces a commitment to local environmental improvement. The Moyer program is particularly beneficial at trucking yards or shipping terminals in heavily populated areas.

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

## AQMD SETTLES VIOLATIONS WITH EXXONMOBIL FOR \$8.25 MILLION

**I**n one of the region's largest air pollution penalty settlements, ExxonMobil Oil Corp. has paid \$8.25 million to the AQMD to settle numerous air quality violations at the company's Torrance refinery and Terminal Island facility.

"ExxonMobil has cooperated with AQMD in its investigation of these violations and has addressed the problems we found," said Barry Wallerstein, AQMD's executive officer. "Nevertheless, these are significant and numerous violations that merit a substantial penalty."

The penalty settlement, the third largest in AQMD's history, is for dozens of violations of AQMD's rules and regulations at ExxonMobil's refinery and terminal between January 2001 and May 2004. Most of the violations were for improper inspection and maintenance of large, above-ground tanks used to store gasoline and other petroleum-based liquids; and for leaks

of smog-forming volatile organic compounds from those tanks and other equipment.

AQMD and ExxonMobil agreed on terms of the settlement earlier this summer. AQMD received the full penalty payment from ExxonMobil on Sept. 1.

The first and second largest penalty settlements with AQMD respectively were with AES Alamos LLC, for \$17 million in December 2000; and with Los Angeles Department of Power and Water, for \$14 million also in 2000. Both of those settlements were for excess power plant emissions during the state's energy crisis.

*For more information, contact Joe Panasiti at (909) 396-3462.*



## AQMD TO SEEK EMISSION REDUCTIONS FROM REFINERY FLARES

**I**n September, the AQMD Governing Board directed staff to develop a regulation to further reduce air pollution from flares at refineries and other facilities in the region.

"Refineries in recent years have significantly reduced flare emissions on a voluntary basis in response to emissions data reporting requirements," said Barry Wallerstein, AQMD executive officer. "We believe that further emission reductions are achievable through development of a new pollution control regulation."

In 1998 AQMD adopted Rule 1118 requiring the refineries and related facilities in the region to collect emissions data from their vent gas flaring operations. Data was collected from October 1999 through December 2003. It showed that while emissions of sulfur oxides (SOx) from flaring have significantly decreased in the past few years – from an average of 7.2 tons per day in 2000 to 2 tons per day in 2003 – such operations still represent a significant source of SOx emissions in the Southland. SOx emissions from flares are equal to that emitted by all the large diesel trucks operating in Southern California. SOx emissions contribute to the formation of fine particulate pollution, which is linked to a number of health effects from increased hospital admissions to premature deaths.

Flares – easily recognized by their highly visible flames emitted from a tall stack – are used to burn and dispose of vent gases generated as part of petroleum production processes or during a process upset. Flares are also used as safety devices to relieve pressure and prevent fires or explosions and are unique to each facility. The AQMD will consider a menu of compliance options for facilities to ensure that emission reduction goals are appropriate for each facility.

*For more information, contact Pang Mueller at (909) 396-2433.*



## Environmental Justice Workplan for 2004-2005 Approved

**U**nder the AQMD's environmental justice program, workplans are developed annually with the objectives of improving the health of the region's residents and encouraging greater community involvement and participation in air quality issues.

This year's plan was approved by the Governing Board at its October meeting. In June, a draft of a proposed workplan, consisting of thirteen elements, was developed by AQMD staff and stakeholder groups. A series of workshops and public consultation meetings were held throughout the region to solicit community feedback. The proposed workplan was also reviewed by environmental and community groups, business groups, and several AQMD Board committees and advisory groups. Revisions were based on input received from these sources.

Some key initiatives in the 2004-05 Workplan are:

- **School Site Guidance** - A guidance document will be developed for school districts to help identify overall air quality concerns, including environmental justice awareness, air quality and asbestos exposure when selecting new sites or expanding existing schools.
- **Environmental Justice Electronic "Action Alert"** - An electronic "action alert" system will be created to provide timely air quality information on a regular basis to Clean Air Congress members and other interested persons through e-mail.
- **MATES III Community Meetings** - Meetings will be held throughout the region to provide residents with information on sampling that will be conducted as well as explaining monitoring results from the Multiple Air Toxics Exposure Study III (MATES III).

To view the 2004-05 Workplan, visit the Environmental Justice page on the AQMD Web site at [www.aqmd.gov](http://www.aqmd.gov).

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





## 2004 Legislative Wrap-Up

**D**uring the 2004 session, the California State Legislature addressed two major air quality concerns: pollution at the ports and Carl Moyer funding for the purpose of speeding the introduction of low-emission, heavy duty engines. In addition, bills were signed into law that will allow hybrid cars to use HOV lanes, regulate school bus idling, and reduce emissions from cruise ships. Key air quality legislation that will pass into law includes:

### PORT EMISSIONS

**AB 1971 – Air Pollution: Marine Terminals (Lowenthal)** will require each marine terminal in the state to operate in a manner that does not cause truck engines to idle for more than 30 minutes while waiting to load or unload at the terminal.

**AB 2043 Maritime Port Strategic Plan Task Force (Lowenthal)** will require the California Marine and Intermodal Transportation System Advisory Council to hold public hearings, and compile data on issues relating to the growth and congestion of maritime ports.

### CARL MOYER

**AB 923 Air Pollution (Firebaugh)** will adjust vehicle registration fees and tire fees to fund the Carl Moyer program. (For more information, see the article on page 1.)

**AB 1394 Carl Moyer Program (Levine)** will expand the Carl Moyer program to include heavy-duty fleet modernization projects that reduce emissions of oxides of nitrogen (NOx) or particulate matter (PM).

### OTHER LEGISLATION

**AB 471 Cruise Ship Emissions (Simion)** will prohibit a cruise ship from conducting onboard incineration while operating within three miles of the California coast.

**AB 1009: Air Pollution: heavy-duty vehicles: emissions (Pavley)** will require any commercial motor truck with a gross vehicle weight greater than 10,000 pounds to maintain and provide evidence that the vehicle's engine complied with federal emission standards for that engine at the time the engine was manufactured.

**AB 2628 Vehicles: Preferential Lanes (Pavley)** will allow advanced technology partial zero-emission vehicles and single-occupant alternative fuel vehicles achieving at least 45 miles per gallon to use High Occupancy Vehicle lanes.

**AB 2644: Air Pollution: School Bus Idling and Idling at School (Oropeza)** will prohibit excessive engine idling by school buses and other vehicles during operation at school sites.

**AB 2683: Air Pollution: Smog Check (Lieber)** will repeal the rolling exemption from Smog Check requirements for vehicles more than 30 model years old and replaces it with an exemption for vehicles manufactured prior to the 1976 model year.

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

## Fuel Cell Road Rally Launches New Hydrogen Fueling Station at AQMD

**T**he 3<sup>rd</sup> annual California Fuel Cell Vehicle Partnership's (CaFCP) "Cruisin' Southern Cal" Road Rally began at the AQMD Diamond Bar headquarters on September 16, 2004. Eight state-of-the-art cars from major car companies started their whisper-quiet fuel cell engines and began the trek from Diamond Bar through Long Beach, then Costa Mesa to arrive at their final destination of San Diego on Sunday, September 19, 2004.

One of the highlights at the beginning of the rally was the fuel provided by the hydrogen fueling station, located at the South Coast AQMD Diamond Bar headquarters. The station is the newest addition to the state's emerging hydrogen highway network, and the first in the South Coast area.

The caravan of zero-emissions, hydrogen-powered fuel cell cars was joined by CaFCP's energy members who oversaw hydrogen refueling, while other members, including AQMD lent support through education, technical displays and volunteer services along the way.

Also on September 16, the AQMD hosted a Hydrogen Community Workshop, which was attended by about 100 local fire officials, city planning & code officers and interested community members, to help communities prepare for hydrogen fueling and fleet vehicles. Workshop attendees were encouraged to take a test ride in a fuel cell vehicle and cheer on the start of the Road Rally during their lunch break.

For more information, visit <http://www.caftp.org> or contact Lisa Mirisola at (909) 396-2638.



## Informational Hearing on Proposed Revisions to RECLAIM Program

RECLAIM

**A**t its October 1 meeting, the AQMD Governing Board conducted an informational hearing on a plan to further reduce smog-forming emissions from AQMD's RECLAIM program.

The hearing summarized proposed amendments and solicited public input on ways to achieve additional emission reductions under Regulation XX – Regional Clean Air Incentives Market (RECLAIM). AQMD staff plans to return to the Board in January 2005 for rule amendments.

The current proposal would reduce total nitrogen oxide (NOx) RECLAIM trading credits by 7.8 tons per day. Four tons would be reduced in 2007 and the remainder would be reduced in equal increments from 2008 to 2010. Sulfur oxide (SOx) allocations would not change. Current trading restrictions on power plants would continue until 2007. There are approximately 330 facilities in the NOx portion of RECLAIM.

In setting up the program in 1993, AQMD initiated one of the first market-based pollution cleanup programs in the United States. RECLAIM replaced command-and-control measures with a facility emissions cap, bounded by a declining emissions balance. The intent of the program was to meet emission reduction goals and to offer facilities more ways to comply, at potentially lower cost.

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

## 16<sup>th</sup> Annual Clean Air Awards 2004

### 16<sup>th</sup> Annual Clean Air Award Winners Honored

At the 2004 Clean Air Awards, AQMD recognized the outstanding achievements of the individuals and organizations that have made significant contributions toward improving the air we breathe here in Southern California. This year's winners are:

#### 2004 LEADERSHIP IN GOVERNMENT AWARD

##### *Senator Martha Escutia, Senate District 30*

State Senator Martha Escutia began her career in the California Legislature in 1992. Among bills she successfully shepherded into law are legislation to help prevent school-site contamination, and a bill ensuring that state air quality standards would be set at levels that protect infants and children. Her legislative efforts have also addressed cleaning up contaminated urban sites, incorporating environmental justice concerns into decision-making for new landfills, and mitigating diesel particulate from locomotives and railyards.

##### *Assemblymember Fran Pavley, 41<sup>st</sup> District*

Assemblymember Pavley has represented the 41<sup>st</sup> Assembly District since 2000. This year her AB2628 was signed into law granting access to carpool lanes for hybrid or alternative fuel vehicles. Additionally in 2004, she co-authored AB 923, which created stable funding for the Carl Moyer Program to fight diesel emissions.

#### 2004 ZWEIG MEMORIAL AWARD WINNER

##### *Dr. Henry Gong, Jr.*

Since 1992, Dr. Henry Gong, Jr. has served at Rancho Los Amigos Medical Center. Among the many hats he wears there, he is Chief of the Environmental Health Service, a world renowned research facility investigating the health effects of air pollution. He is also a Professor of Medicine and Preventative Medicine at the University of Southern California's Keck School of Medicine. Dr. Gong was recently appointed to the California Air Resources Board by the Governor.



#### ADVANCEMENT OF AIR POLLUTION TECHNOLOGY

##### *Inland Empire Utilities Agency*

The Inland Empire Utilities Agency, a municipal water district, in partnership with the Milk Producers Council, voluntarily developed two livestock waste digestion demonstration projects to transform cattle manure into renewable energy and fertilizer products. The project successfully reduces the emission of volatile organic compounds and ammonia into our air, and also reduces potential groundwater contamination.



#### INNOVATIVE TRANSPORTATION PROJECTS

##### *The Walt Disney Company*

The Walt Disney Company's "Clean Air Commuting" program currently has more than 11,000 employees participating. A few of the programs that are convincing Disney employees to rideshare, are a 0.25% reduction on a car loan if the vehicle uses an alternative fuel, subsidized bus and Metrolink passes, and a free shuttle service operating between Anaheim neighborhoods and the resort.





## MODEL COMMUNITY ACHIEVEMENT

### City of Riverside

Through an 11-point program, the City of Riverside has enacted innovative measures that are significantly improving air quality in the region. Examples are:

- Promotion of alternative fuel vehicles for both public and private use;
- Opening a compressed natural gas fast-fill fueling station to the public;
- Adopting an element into its general plan that addresses air quality issues as they relate to land use, transportation demands, and jobs-housing balance.



### Gateway Cities Council of Governments



The Gateway Cities Council of Governments, representing 27 cities in southeast Los Angeles County and the Port of Long Beach, has shown outstanding leadership in establishing a program that, to date, has scrapped and replaced over 240 old, polluting heavy-duty diesel trucks, and installed pollution control devices on nearly 600 other pieces of diesel equipment used in the Port of Long Beach.

## PROMOTION OF GOOD ENVIRONMENTAL STEWARDSHIP

### Angelica Roque

Angelica Roque began serving her community of El Segundo in 1998 at the age of 11. In 2000, she was elected president of TREE MUSKETEERS, where she coordinated a tree planting project in which 330 volunteers celebrated the new millennium by planting more than 100 trees along a barren street connecting El Segundo to the beach. This project helped mitigate air and noise pollution from local industry, reduce blowing sand and erosion, and empower local youth as environmental leaders.



### Andrea Hricko

Andrea Hricko serves as the Southern California Environmental Health Center's Director of Community Outreach and Education programs. She has been instrumental in fostering community involvement in the Center's research into the health impacts of air pollution. She works with students, teachers, community-based organizations, health care providers, and policy makers to help them understand the sources of pollution affecting their lives, and what they can do to help improve air quality in their communities.



### Ines Mireles, Del Mar Natural Cleaners

### Moon Noh, San Clemente Natural Cleaning Center

### Hans Kim, Nature's Best Cleaners

Ines Mireles, Moon Noh and Hans Kim are former dry cleaning business owners who have embraced a non-toxic water-based technology for cleaning clothes. They work closely with the Pollution Prevention Education & Research Center to help demonstrate the commercial viability of wet cleaning, and its environmental benefits. They have shared their knowledge with over 200 other cleaners by demonstrating how the equipment operates.



## PUBLIC EDUCATION ON AIR QUALITY ISSUES

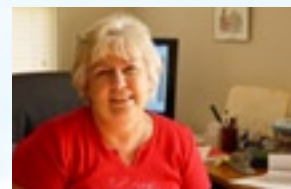
### American Lung Association of the Inland Counties

The American Lung Association of the Inland Counties serves an area that has the worst air quality in the nation. To increase public awareness of the health problems associated with air pollution, they have developed asthma management training programs for child care providers and school nurses. They also conduct a special program where high school automotive students learn about proper car maintenance to help reduce pollution.



### Center for Community Action & Environmental Justice

The Center for Community Action & Environmental Justice is an environmental health resource center that conducts advocacy work, especially for those in low-income, high-risk communities. Recently, the Center helped in banning the land application of Class B sewage sludge in Riverside County. Their SALTA program empowers women to network with grassroots leaders, build coalitions, and communicate with government leaders on environmental issues.



# RULE UPDATE

The following proposed and proposed 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/index.html](http://www.aqmd.gov/rules/index.html) or provided by AQMD's Public Information Center, (909) 396-2039.

## December 2004

### Rule 102-Definition of Terms

### Rule 201-Permit to Construct

### Rule 201.1-Permit Conditions in Federally Issued Permits to Construct

### Rule 202-Temporary Permit to Operate

### Rule 203-Permit to Operate

### Rule 219-Equipment Not Requiring a Written Permit Pursuant to Regulation II

### Rule 312-Permitting and Associated Fees for Agricultural Operations

The Health and Safety Code now requires written permits for certain agricultural sources. Proposed amendments will add or amend definitions; establish permitting procedures; identify sources that require written permits; and set permitting fees.

For more information, contact Larry Bowen at [lbowen@aqmd.gov](mailto:lbowen@aqmd.gov) or (909) 396-2575.

### Rule 1145-Plastic, Rubber, and Glass Coatings

Proposed amendments will seek to further reduce emissions and to address compliance difficulties related to specific applications of clear coatings and other minor issues.

For more information, contact Larry Bowen at [lbowen@aqmd.gov](mailto:lbowen@aqmd.gov) or (909) 396-2575.

## January 2005

### Regional Clean Air Incentives Market (RECLAIM)

Proposed amendments to RECLAIM will implement BARCT and add clarifications to the rules and protocols.

For more information, contact Jill Whynot at [jwhynot@aqmd.gov](mailto:jwhynot@aqmd.gov) or (909)-396-3104.

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

Amendments will be proposed to adjust compliance dates and emissions limits for equipment subject to this rule.

For more information, contact Zorik Pirveysian at [zpirveysian@aqmd.gov](mailto:zpirveysian@aqmd.gov) or (909) 396-3133.

### Rule 1168-Adhesive and Sealant Applications

The proposed amendments would affect future VOC limits for PV and CPVC cements, ABS cements and primers, automotive and marine adhesives, and methylene chloride-based solvent welding adhesives.

For more information, contact Larry Bowen at [lbowen@aqmd.gov](mailto:lbowen@aqmd.gov) or (909) 396-2575.

# RECENT EVENTS

On August 13<sup>th</sup>, AQMD in partnership with CalEPA Secretary Terry Tamminen, local and state officials and foreign dignitaries, opened the Southlands first hydrogen fueling station accessible to the public at the AQMD headquarters in Diamond Bar. AQMD's facility is among

the first of 13 hydrogen-fueling stations co-funded by AQMD and slated for construction throughout Los Angeles, Orange, Riverside and San Bernardino counties. These stations will provide fuel for hydrogen-powered fuel cell and internal-combustion engine vehicles used in fleet demonstrations throughout the region.

A Clean Air Congress Beach Party at the Santa Monica Pier wrapped up summer events on September 2<sup>nd</sup>, providing clean air crafts, face painting, Segway Human Transporter demonstrations, interactive experiments, Clean Air Choice vehicle display and air quality information to Clean Air Congress members and the general public.

On September 25<sup>th</sup>, Clean Air Congress members participated in the City of Santa Clarita's tenth annual River Rally. This yearly event tied to National Pollution Prevention Week and Coastal Cleanup Day drew approximately 2,000 volunteers from Scout troops, classrooms, youth groups and families from all over the Santa Clarita Valley.

AQMD displayed Clean Air Choice vehicles and provided air quality information at the 20<sup>th</sup> Annual Abbot Kinney Festival in Venice Beach on September 26<sup>th</sup>. For more information, contact Pom Pom Ganguli at (909) 396-3185.





# Clean Air PEOPLE

Meet the diversely talented people who work at the AQMD



Eric Martinez

**I**f you are reading one of the many printed AQMD documents, more than likely it was printed by the AQMD print shop, and Eric Martinez probably had his hands on it. Located on the lower level of AQMD's Diamond Bar offices, the Print Shop is one of the busiest shops at the AQMD. They handle all of the printing for AQMD's Rules, workshops, Board packages, large volume handouts, and special runs. Four color projects are bid out through the Print Shop.

Eric joined the AQMD in October 1998. He primarily handles the two-color press, Board packages and numerous other day-to-day print jobs. He took over the two-color press work that his supervisor, William Brill, did prior to his promotion.

Before coming to the AQMD Eric was in construction, working with his father. "I'm pretty much an outdoors kind of guy" said Eric, I'm into all kinds of outdoor sports like basketball, hiking, fishing, camping and dirt biking. In fact, both he and his eleven-year-old daughter, Briana, try to get out to do some dirt biking as often as they can. Eric stated "as much as I love the outdoors, it's a good thing I work for the organization that helps clean the air."

Eric's construction work experience is being put to good use because he is currently spending much of his "play time" fixing up a four-plex that he and his sister bought. "I'm always painting or repairing something after a tenant moves out. But I see this as an investment." He said the same of working at the AQMD.

Susan Nakamura



AQMD Advisor

**S**usan Nakamura came to AQMD in 1990 as an air quality specialist. Previously employed at Hughes Aircraft as an environmental engineer, she had enjoyed the opportunity there to be involved in pollution-prevention efforts. Although her degree from UC Santa Barbara is in electrical engineering, Susan felt drawn to the environmental side of the field from that point on.

"It's really amazing how things unfold," she said. "I was born in Torrance and I was sick a lot with asthma and allergy problems when I was a kid. I understood that smog hurts kids. Years later, when the possibility opened up for me to work in a clean-air position, it was just a natural fit."

Over the past decade at AQMD, Susan has worked on projects including: environmental assessments of proposed development projects, market incentives, AQMP control measures, and rule development.

Currently, she's in her third year as planning & rules manager over the CEQA, socioeconomic analysis, & air toxics units.

Her appointment as manager happened in the midst of one of the more eventful times in her life. "In a 10-day period, my husband and I found out I was pregnant with our second child; we received word that an infant was available in response to our adoption application to a Japanese placement agency; and I got the manager position. All while we were remodeling our house!" For most people, that level of upheaval might be a bit overwhelming, but for Susan, "it was awesome — pure joy."

Today, Susan fully enjoys family life with husband Kim, sons Peyton (age six) and Ethan (22 months), and daughter Marina (28 months). Family dog Champ fits right in, too, being a mix of working breeds (half Labrador, half Briard).



Gary Heiss

**"I**t's simple," Gary Heiss stated, "people can come here to work or for meetings because we have done our job." Overseeing the team that makes day-to-day building operations at the AQMD's Diamond Bar headquarters work, such as, lights, heating, cooling, electricity and water, is what Gary is talking about.

Before coming to the AQMD, Gary was in the U. S. Navy and served in Viet Nam. He started with Los Angeles County in October of 1968, before the four counties merged into what is now the South Coast AQMD. He is currently the Building/Maintenance Supervisor. When the AQMD moved its headquarters from El Monte to Diamond Bar in 1991 Gary had to learn every management system that the new building contained. It was all the latest technology back then, Gary explained, and not everything worked the way it was supposed to work. Systems have been fine-tuned during the past 13 years, and the building is now a smooth-running, high-technology facility.

Gary has seen some disasters, like the several floods in the lower level, equipment failures and the worst, he says, was when the fire alarms accidentally were set off which meant that hundreds of people had their work-day interrupted.

Not only is Gary available for building emergencies via beeper 24/7, he has a full personal life with two grown children, and a love of travel, having visited, with his wife Judy, at least 14 different countries.

Next time AQMD employees sit at their desks, flip on a light switch, enjoy the well maintained building temperature, wash their hands with warm water, get information from one of the air monitoring stations, ride the elevator, or attend a meeting where the table and chairs have been set up, they can thank the seven-person building services team, headed by Gary Heiss, for such daily workplace comforts.



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## Briefly...

### RULE COMPLIANCE PROMOTION CLASSES

Upcoming compliance classes  
will be held as follows:

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

- November 17
- December 15

The classes are held from 8:00  
a.m. to 1:00 p.m. at  
AQMD headquarters.

There is a \$30 class fee. *To reg-  
ister call (909) 396-2381 or send  
e-mail to [jmoore@aqmd.gov](mailto:jmoore@aqmd.gov).*

#### Rule 2202-Employee Transportation Coordinator Training

- November 17 or 18, Anaheim
- December 8 or 9,  
Diamond Bar

Classes are held from 8:00 a.m.  
to 5:00 p.m. Registration fee is  
\$54.37 per person. Enrollment is  
limited to 25 students and classes  
will be filled on a first-come,  
first-served basis. *To register, call  
Paulette Henson at (909) 396-3374.*

#### Rule 403-Fugitive Dust

- November 17

Class starts at 8:30 a.m. at AQMD  
headquarters. There is no fee, but  
pre-registration is required. *To  
register, call (909) 396-2183.*

#### RULE 461-GASOLINE TRANSFER AND DISPENSING

Pre-registration is required for  
the following class. The class will  
be held at AQMD's Diamond Bar  
headquarters. *To register, call (909)  
396-3058.*

#### Annual Periodic Inspection

- November 18 & 19

This two-day class will be held  
from 8:30 a.m. to 5:00 p.m. both  
days. There is a \$150 registra-  
tion fee, with pre-registration  
required.

## Emission Reductions from Aggregate and Related Operations Hearing Set

**A public hearing to consider adoption of proposed Rule 1157, PM10 Emission Reductions from Aggregate and Related Operations, has been set for December 3, 2004. The hearing will follow the administrative portion of the monthly Governing Board meeting which meets at 9:00 a.m. in the auditorium at the AQMD Diamond Bar headquarters.**

**This proposed rule would reduce fugitive dust PM10 emissions from operations that produce sand, gravel, crushed stone and quarried rock. The proposed requirements affect various dust sources including loading and unloading activities, process equipment, open storage piles, internal unpaved and paved roads and track-out to public roads.**

***For more information, contact Lee Lockie at (909) 396-2390.***

## 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  
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