

## Draft 2012 Air Quality Management Plan Released

**T**he South Coast Air Quality Management District has released its updated blueprint for reaching federally mandated, health-based clean air goals in the Southland, known as the 2012 Air Quality Management Plan (AQMP).

Once adopted by SCAQMD's Governing Board, as well as state and federal environmental agencies, the document becomes the legally enforceable plan for meeting the federal 24-hour PM2.5 (fine particulate) standard by 2014.

"This plan maps out the path to clean air while employing the most efficient measures, minimizing socioeconomic impacts and promoting fair-share responsibility from all stakeholders," said William A. Burke, Ed.D., SCAQMD's Governing Board Chair.

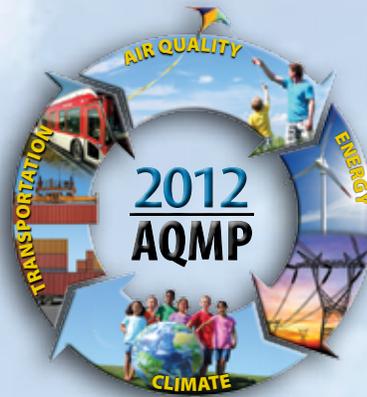
PM2.5 refers to microscopic particles in diesel soot as well as particles formed in the atmosphere from NOx and other pollutants that are associated with a wide range of health effects from increased hospitalizations to elevated mortality rates. Exposure to particulate pollutants has been associated with thousands of premature deaths annually in the Southland.

To ensure attainment of the PM2.5 standard by a federally mandated deadline of 2014, the AQMP includes three key control measures to reduce directly emitted PM2.5 as well as pollutants that form PM2.5 in the atmosphere. The control measures are additional nitrogen oxide (NOx) emission reductions from the REgional CLean Air Incentives Market (RECLAIM) program and enhancements to SCAQMD's residential wood burning and open burning curtailment programs.

The AQMP also proposes measures to meet the commitment in SCAQMD's previous 8-hour federal ozone plan. Although the deadline for meeting the ozone standard is not until 2023, it's important for SCAQMD and its stakeholders to begin development of ozone control measures now.

SCAQMD has hosted several public workshops and will be holding several hearings

> Please see **AQMP** on page 3



## Online Air Quality Complaint Reporting System Launched

**T**he South Coast Air Quality Management District has launched a new online complaint system, making it even easier for residents to report air quality complaints, and for the first time, track complaint status online. The system was developed to implement one of many 2010 Clean Communities Plan measures, which calls for enhancing how the public informs SCAQMD about air quality issues.

The online complaint system can be accessed by visiting [www.aqmd.gov](http://www.aqmd.gov) and clicking the "Report Online Air Quality Complaints" banner. Users will be prompted for key information and can also attach a picture or video of the reported incident to their online complaint.

Residents can continue to report air quality complaints by calling 1-800-CUT-SMOG (1-800-288-7664) or by using SCAQMD's iPhone, iPad and Windows Phone apps, available for download in iTunes and the Windows Phone Marketplace.

All air quality complaints are referred to an inspector for follow-up and handling.

For more information, contact Mohan Balagopalan at (909) 396-2704 or [mbalagopalan@aqmd.gov](mailto:mbalagopalan@aqmd.gov).

Cleaning the air  
that we breathe...



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## School Buses in Southland Get a Green Makeover

**T**he SCAQMD's Lower Emission School Bus Program announced that it has recently completed its replacement of 465 pre-1987 school buses with new natural gas buses, and has retrofitted 467 school buses with particulate traps to reduce tailpipe emissions.

The replacements and retrofits, funded by money from Proposition 1B, contribute significantly to SCAQMD's goal of reducing pollution from vehicles in Southern California. Prop. 1B, also known as the Goods Movement Emission Reduction Program, was approved by California voters in the November 2006 election to provide funding for projects reducing emissions from goods movement operations.

Emissions from diesel equipment, locomotives and vehicles involved in goods movement greatly impact the health of communities located near ports, rail yards, distribution centers and roads with high truck traffic. The projects funded by the Prop. 1B Program must achieve "early or extra emission reductions" that are not required by a law or regulation.

The school bus program will provide less-polluting school transportation to children who are more susceptible to environmental health problems, and will reduce the public's exposure to toxic diesel emissions and particulate matter, which is known to cause heart problems, bronchitis, and asthma.

Total funding for this project was \$70.6 million from the Prop. 1B School Bus Fund and \$12.6 million from SCAQMD's own funds. These efforts will contribute to improving the health of children and adults that reside in California's South Coast Air Basin.

For more information please contact Sam Atwood at (909) 396-3687 or [satwood@aqmd.gov](mailto:satwood@aqmd.gov)

## South Bay Cities and SCAQMD Join Forces to Demonstrate Battery Electric Vehicles

**F**or many residents within the South Coast Air Basin, commutes and short trips can be accomplished solely on residential streets. Showcasing the opportunities of using zero-emission vehicles for these trips, the South Bay Cities Council of Governments (SBCCOG) joined forces with SCAQMD to demonstrate the use of long-range battery electric vehicles (BEVs).



## Courts Uphold Three SCAQMD Rules

**T**he South Coast Air Quality Management District recently won three lawsuits resulting in upholding rules adopted by SCAQMD. Each court decision was published which establishes legal precedent for the courts to follow in the future.

On June 25, the California Supreme Court upheld SCAQMD's 2002 amendments to Rule 1113-Architectural Coatings, in a suit filed by the American Coatings Association (formerly National Paint and Coatings Association). The Supreme Court held that in adopting rules requiring the "best available retrofit control technology" (BARCT), SCAQMD could adopt "technology-forcing" requirements, as long as the technology was reasonably anticipated to be available by the time it would be required. This reversed a previous Court of Appeal ruling that SCAQMD could only require technology that is off-the-shelf or ready to be assembled. SCAQMD has in the past adopted requirements that do not go into effect until some years in the future, to allow the technology to mature and implementation issues to be addressed.

The Supreme Court also discussed the rule adoption process and noted that SCAQMD staff took industry's concerns into consideration. The Court held that it would defer to the SCAQMD's interpretation of laws it was authorized to administer, especially where those laws are technical, complex, and entwined with policy considerations.

The next day, June 26, the California Court of Appeal issued a decision upholding SCAQMD's Rule 1143-Consumer Paint Thinners and Multi-Purpose Solvents. A lawsuit had been filed by W.M. Barr & Co., a major solvent supplier, which made numerous arguments including that SCAQMD failed to consider alternatives to the proposed rule under CEQA. The Court of Appeal rejected this along with all of Barr's claims.

Earlier, on October 25, 2011, the Court of Appeal upheld SCAQMD's Rule 433-Natural Gas Quality, which requires operators of natural gas distribution systems to monitor gas quality at specified points in their distribution system to detect changes in a measurement linked to higher NOx emissions when the gas is burned. The Rule also calls for an "LNG Rollout Plan" to help end-users take actions to minimize NOx increases. The Southern California Gas Company argued that SCAQMD could not require the operator of a natural gas distribution system to take these actions because neither the gas itself nor the distribution system was a "source" of emissions, which is all that SCAQMD may regulate. Had this argument prevailed, it could have severely limited SCAQMD's authority to regulate the content of coatings and solvents. However, the Court of Appeal ruled that the gas and the distribution system could reasonably be considered a "source" in this case.

These three court decisions upholding SCAQMD rules recognize that the District's rulemaking process is careful, considered, and responsive to stakeholder concerns.

*For more information, contact Barbara Baird at (909) 396-2302 or [bbaird@aqmd.gov](mailto:bbaird@aqmd.gov)*

This demonstration project builds upon a previous SBCCOG demonstration project promoting the use of neighborhood electric vehicles (NEVs) with local residents, select businesses, and municipalities in the South Bay area of Los Angeles County. The new BEV demonstration will address some of the limitations of the previous NEV demonstration project and provide guidance for community planning efforts for new BEV models that have recently become available.

The program will encourage deployment of BEVs in appropriate applications, provide usage data for policy making decisions, complement ongoing and planned initiatives and analyze the transition from current passenger vehicles to include BEVs.

The use of BEVs eliminates nearly all vehicle pollutants, even considering the potential for a minor increase in power plant emissions. Replacing 1,000 miles of conventional gasoline vehicle usage for one year with one BEV will reduce NOx and PM2.5 emissions by approximately 2.96 and 0.04 pounds, respectively. As the number of electric vehicles increase the emission benefits will grow proportionally.

*For more information contact Matt Miyasato at (909) 396-3249 or email [mmiyasato@aqmd.gov](mailto:mmiyasato@aqmd.gov)*

## SCAQMD Co-Sponsors Steam Hydrogasification Reaction Demonstration Project

**T**he SCAQMD's Governing Board approved partnering with the University of California, Riverside Center for Environmental Research & Technology (CE-CERT) to produce a demonstration of a Steam Hydrogasification Reaction (SHR) project. This will be a larger-scale demonstration of an SHR project that was conducted on a smaller scale in 2009.

The previous demonstration successfully generated substitute natural gas from biomass waste and showed that the SHR process is able to achieve high thermal efficiency with a 70% carbon conversion rate. It also demonstrated the capability of producing high quality natural gas which could be used for transportation fueling or electric power generation. The new demonstration will incorporate components to simulate commercial-scale operations to move the technology closer to commercialization.

This technology can help reduce criteria pollutants and greenhouse gas emissions as well as landfill waste. The project's success can also help SCAQMD in its efforts to attain clean air standards within the South Coast Air Basin.

SCAQMD funding for this project will come from its Clean Fuels Program. The SHR project will also receive funding from the California Energy Commission's PIER Program and Synergy Inc.

*For more information contact Matt Miyasato at (909) 396-3249 or email [mmiyasato@aqmd.gov](mailto:mmiyasato@aqmd.gov)*

# Leaf Blower Exchange Program to be Held in Late Fall 2012

**S**CAQMD will hold its annual Leaf Blower Exchange Program in late Fall 2012 for commercial gardeners, landscapers and public facilities. This program was launched in 2006 in order to encourage professional gardeners and landscapers operating within the AQMD's four-county jurisdiction to turn in their old, polluting backpack leaf blowers and purchase new, low-emission/low-noise leaf blowers at a reduced price. Approximately 1,500 leaf blowers are exchanged each year. To date, SCAQMD has exchanged 7,500 blowers under its Rule 2202 Air Quality Improvement Program and another 1,365 under the U.S. EPA's Targeted Airshed Program.

The leaf blower offered was the only model certified by CARB to have emission levels below the "Blue Sky Series" voluntary standards. The Blue Sky Series voluntary standards for hydrocarbons and nitrogen oxides are set at a level that is 50 percent lower than the current emission standards for leaf blowers that qualify for sale in California.

To sign up for email announcements which will include information on when registration for the leaf blower exchange will begin, go to [www.aqmd.gov/listservers/list.aspx](http://www.aqmd.gov/listservers/list.aspx)

For more information, contact Shashi Singeetham at (909) 396-3298 or [ssingeetham@aqmd.gov](mailto:ssingeetham@aqmd.gov)



## SCAQMD Has Been Mowing Down Air Pollution for a Decade

**B**ack by popular demand, SCAQMD's 10th Annual Lawn Mower Exchange program has once again enabled people to reduce air pollution by trading in their operational gasoline powered mower for a newer Black & Decker or Green Station lawn mower at a greatly discounted price. Prices this year ranged from \$100 to \$280 depending on the model selected.

The program kicked off in San Bernardino County on May 15th. Other events were held in Los Angeles, Orange and Riverside counties with the last exchange event held July 14th in Riverside.

The Exchange events also featured Go Green! Lawn and Garden Expos. These expos showcased eco-friendly lawn-care and related products for purchase that conserve water and energy.

The 10th Annual incentive program assisted residents, not only in saving money on a new electric lawn mower but by reducing air pollution. Over the past decade, SCAQMD has provided 47,059 zero emission lawn mowers to Southern Californians.

Residents interested in registering for the future lawn mower exchange in 2013 are encouraged to check the web site in early Spring for updates on exchange events at [www.aqmd.gov/tao/lawnmower.html](http://www.aqmd.gov/tao/lawnmower.html).

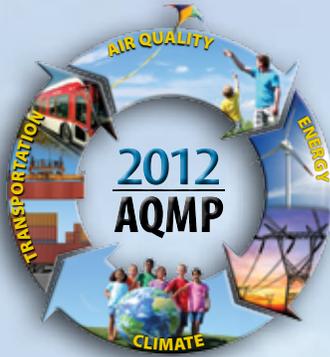
For more information, contact Shashi Singeetham at (909) 396-3298 or [ssingeetham@aqmd.gov](mailto:ssingeetham@aqmd.gov)

### > AQMP continued from page 1

to listen to comments from the public on the draft 2012 AQMP. The SCAQMD Governing Board will vote on adopting a final plan this fall.

To view a copy of the draft 2012 AQMP, visit [www.aqmd.gov/aqmp/2012aqmp/index.htm](http://www.aqmd.gov/aqmp/2012aqmp/index.htm).

For more information, contact Philip Fine at (909) 396-2239 or [pfine@aqmd.gov](mailto:pfine@aqmd.gov)



## Upcoming Public Hearings on the AQMP

**Tuesday, Sept 11, 2012**

2:00 PM

California State University, LA  
Salazar Hall University, E 184  
5151 State University  
Los Angeles, CA 90032

**Wednesday, Sept 12, 2012**

10:00 AM

Buena Park Community Center  
6688 Beach Boulevard  
Buena Park, CA 90622

**Thursday, Sept 13, 2012**

9:00 AM

Norton Regional Events Center,  
Auditorium  
1601 E. 3rd Street,  
San Bernardino, CA 92408

**Thursday, Sept 13, 2012**

2:00 PM

Louis Rubidoux Public Library,  
Community Room  
5840 Mission Boulevard  
Riverside, CA 92509

## New Vehicles Join SCAQMD's Alternative Fuel Demo Fleet

**R**ecent visitors to SCAQMD Headquarters may have noticed a few new "faces" around the various charging stations. Earlier this year, the District welcomed a few new additions to its growing fleet of alternative fuel vehicles. Three brand new battery electric BMW Active E vehicles have joined the ranks of the District's current demonstration fleet.

In addition to the three Active E vehicles, SCAQMD currently maintains:

- one hydrogen fuel-cell powered Honda Clarity
- two Toyota Priuses converted to plug-in hybrid electric by A123 under contract by SCAQMD
- three battery-electric Nissan Leafs, and
- 20 Ford Escape hybrids converted to plug-in hybrid electric by Quantum Technologies under contract to SCAQMD.

The BMW Active E is a zero emission vehicle (ZEV) that BMW estimates has a driving range of 100 miles with an energy equivalency fuel economy rating of about 100 miles per gallon (mpg-eq). There are currently only 700 of these available on a two-year lease. The Nissan Leaf is also a ZEV and has a city range of 105 miles and a highway range of 73 miles. It has a fuel economy of 99 mpg-eq. The Leaf is currently only available for order through Nissan's website, but should soon be making its way to local dealerships.

For more information, contact Lisa Mirasola at (909) 396-2638 or [lmirasola@aqmd.gov](mailto:lmirasola@aqmd.gov).

# Hydraulic Fracturing Symposium To Be Held Sept. 18th

**H**ydraulic fracturing, commonly referred to as "fracking," is an oil and gas production process that pumps water, sand, and chemicals into the earth to release oil and natural gas locked in the rock underground.

Given the environmental concerns raised with the increase use of fracking, the South Coast Air Quality Management District will host a technology symposium on the use of hydraulic fracturing in California and in particular, in the South Coast Air Basin.

The one-day symposium, held at SCAQMD headquarters from 9:00 a.m. to 3:30 p.m. on Tuesday, September 18, 2012, will focus on how the process is used and potential air, water and ground environmental impacts. Panelists will include academic, governmental, industry, and environmental experts. The symposium will be in two parts: The morning will provide an overview of the process, existing regulations, and stakeholder perspectives on potential environmental impacts. The afternoon will feature a policy-level discussion with representatives from the federal, state, and local governments along with industry stakeholders and environmental representatives to discuss current concerns, future actions to reduce environmental impacts, and provide recommendations for possible future actions.

Attendance is free, but pre-registration is recommended. To register, email [Imoore@aqmd.gov](mailto:Imoore@aqmd.gov) or call Ana Ponce at (909) 396-3008.

For more information contact Henry Hogo at (909) 396-3184 or email [hhogo@aqmd.gov](mailto:hhogo@aqmd.gov)



## Briefly...

### Rule Compliance Promotion Classes

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

- Every third Wednesday of the month.

This half-day class is held at SCAQMD's Diamond Bar Headquarters from 8:30 a.m. to 11:30 a.m. There is no fee, but pre-registration is required. Class and registration information is available at [www.aqmd.gov/aqmd/aqmd\\_training.htm](http://www.aqmd.gov/aqmd/aqmd_training.htm) under: "Controlling Dust in the South Coast Air Basin (Rule 403)."

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

#### Rule 403 & 401.1 – Controlling Dust in the Coachella Valley

- Every third Thursday of the month.

This course is held from 1:00 p.m. to 4:30 p.m. at the Coachella Valley Association of Governments, Room 119, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee, but pre-registration is required. Class and registration information is available at [www.aqmd.gov/comply/Training\\_Info/Class\\_403\\_main.html](http://www.aqmd.gov/comply/Training_Info/Class_403_main.html) under "Dust Control in the Coachella Valley (Rule 403 & 403.1)."

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

#### Rule 461-Gasoline Transfer and Dispensing Compliance Assistance Classes: - Daily Self-Inspection Class for Gasoline Service Station Owners/Operators

- November 9, 2012

This one-day class meets from 8:30 a.m. to 5:00 p.m. at SCAQMD's Diamond Bar Headquarters. (Room CC-6) Check-in time is from 8:00 to 8:30 a.m. Pre-registration is required to attend this training. The class fee is \$142.38 per person and class and registration forms and information are available at: [www.aqmd.gov/aqmd/aqmd\\_training.htm](http://www.aqmd.gov/aqmd/aqmd_training.htm) under: "Daily Self-Inspection Class for Gasoline Service Station Owners/Operators."

#### - Tester Orientation: Compliance Training Class

- November 16, 2012

This one-day class meets from 8:30 a.m. to 5:00 p.m. at SCAQMD's Diamond Bar Headquarters. (Room CC-6). Check-in time is from 8:00 to 8:30 a.m. Pre-registration is required to attend this training. The class fee is \$148.14 per person and class and registration forms and information are available under: [www.aqmd.gov/aqmd/aqmd\\_training.htm](http://www.aqmd.gov/aqmd/aqmd_training.htm) under: "Tester Orientation Training."

#### - Annual Periodic Inspection Class for Gasoline Service Station Owners/Operators

- November 30, 2012

This one-day class meets from 8:30 a.m. to 5:00 p.m. at SCAQMD's Diamond Bar Headquarters (Room CC6) from 8:30 a.m. to 5:00 p.m. Check-in time is from 8:00 to 8:30 a.m. Pre-registration is required to attend this training. The class fee is \$152.83 per person and class registration and forms are available at: [www.aqmd.gov/aqmd/aqmd\\_training.htm](http://www.aqmd.gov/aqmd/aqmd_training.htm) under: "Annual Periodic Inspection Class for Gasoline Service Station Owners/Operators."

To register for any Rule 461-Gasoline Transfer and Dispensing Compliance Assistance Classes, call (909) 396-3178 or email at [cponce@aqmd.gov](mailto:cponce@aqmd.gov).

## STEM Service Learning Institute

**T**his summer, SCAQMD had an opportunity to inform approximately 150 teachers about air quality issues at the Southern California STEM Service Learning Institute. The three-day long Institute provides high school teachers and administrators with the information and tools to implement service learning projects on their campuses involving science, technology, engineering, and mathematics (STEM). The service learning projects are meant to educate and inspire students in the STEM subjects, while working together on a community-based project. Teachers gathered from throughout the four-county region at Chaffey College's Chino campus to participate in the Institute organized by Region 10 STEM.

SCAQMD's Health Effects Officer, Dr. Jean Ospital, kicked off the first day of the Institute with his keynote presentation on air quality issues and the 2012 Air Quality Management Plan. Later in the day, participants rotated through workshops including a comprehensive briefing on air quality that included SCAQMD, the Alliance for Climate Education (ACE) and Indio High School.

SCAQMD led the air quality workshop by providing an overview of the challenges facing our region and how students can get involved in cleaning our air. Participants also viewed the SCAQMD signature film, *The Right to Breathe*, which focuses on air pollution in our region and explores possible solutions to improving our air quality. ACE then provided a multimedia presentation on climate change issues and how students can implement projects on their campus.

This is the second year in which SCAQMD participated in the Southern California STEM Service Learning Institute.

For more information, contact Lisa Tanaka O'Malley at (909)396-3327 or [lomalley@aqmd.gov](mailto:lomalley@aqmd.gov)



## Clean Air Fair for Seniors Returns

**A**fter an impressive turnout last year of nearly 3,000 senior citizens, SCAQMD is returning with its follow-up Senior Clean Air Fair. The event is slated to take place at the Los Angeles Convention Center from 9 a.m. to 2 p.m. on September 20th.

Acknowledging the importance of the 55+ demographic, SCAQMD seeks to provide a greater awareness and understanding of health issues regarding air quality and clean technology applications. Additional information will be provided to motivate the attendees on the simple things they can do in their homes, neighborhoods, and communities to contribute to cleaning the air we breathe.

Aside from the free admission, the agency has offered free transportation to organizations that wish to participate, including but not limited to, senior centers, senior communities, and activity centers. Transportation requests can be made during the registration process.

The fair will provide several informative and interactive displays and exhibits pertaining to senior issues. Those attending will have the opportunity to browse these exhibits throughout the entire event. Registration is required for attendance. To register, visit the SCAQMD website at [www.aqmd.gov](http://www.aqmd.gov).

*For more information on this event, contact Lourdes Martinez at 909-396-3214 or [lcmartinez@aqmd.gov](mailto:lcmartinez@aqmd.gov).*

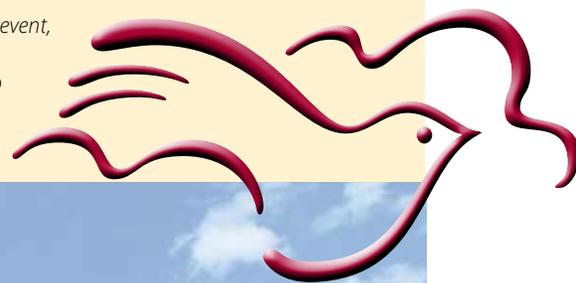
## Clean Air Awards Luncheon Set for October 12th

**R**eturning for its 24th consecutive year, SCAQMD will host its annual awards ceremony and luncheon; honoring those that have taken significant strides towards cleaning the air we breathe. This year's awards luncheon is scheduled to occur on October 12, 2012 at the Millennium Biltmore Hotel in Los Angeles.

A variety of people and organizations were nominated for one of the following categories: Advancement of Air Pollution Control Technology, Innovative Transportation Projects, Model Community Achievement, Public Education on Air Quality Issues, and Promotion of Good Environmental Stewardship. Among the recipients at last year's event were Nissan, Staples Inc., AC Propulsion, the City of Pasadena, Pasadena City College and Caltech.

Tickets to the 2012 Annual Clean Air Award luncheon are \$40 per person and \$400 for a table of ten. Registration is required to attend the event and an invitation link is conveniently located on the SCAQMD website at [www.aqmd.gov](http://www.aqmd.gov).

*For more information on this event, contact Lourdes Martinez at 909-396-3214 or [lcmartinez@aqmd.gov](mailto:lcmartinez@aqmd.gov).*



## Summer Internship Program Trains Future Leaders

**T**his summer, 33 interns participated in SCAQMD's Governing Board internship program. This year's class was made up of high school and college students, as well as recent college graduates.

During their orientation to the program, the interns listened to presentations and participated in discussions regarding the agency and air quality issues affecting Southern California. They were also given a tour of the laboratory and a demonstration of alternative fuel vehicles.

Each intern was then given assignments based upon their area of study, strengths, and interests. The interns worked on a variety of research projects throughout the summer, such as updating outreach databases, writing weekly stories for the SCAQMD iPhone application, and researching Clean Air Award nominees. They were also responsible for creating and demonstrating a learning aid to help district staff better engage young students; dubbed "Environmental Hero," an interactive game was developed to help elementary students see how their personal everyday actions impact the environmental health of the planet.

Calvin Elder, who graduated from UC Riverside in June majoring in Political Science, said that his summer internship "gave me great insight" into the workings of SCAQMD. He said he worked on projects that actually gave him "a behind-the-scenes look" at what goes on in the various departments at SCAQMD. "Instead of just doing filing, your work is actually useful and valued," he said.

The summer internship program taught these future leaders to be good environmental stewards and provided them with a unique inside look at what the SCAQMD does to help clean the air for those living within the South Coast basin.

*For more information about SCAQMD's Student Intern Programs, contact Jeanell Bradley at 909-396-2034 or [jbradley@aqmd.gov](mailto:jbradley@aqmd.gov).*



### SCAQMD Summer Interns

Modesto Alfonso	Tracy Gomez	William Nelson
Ryan Banuelos	Anastasia Goncharko	Marsalis Pierce
Taylor Bretoi	Matthew Gonzalez	Miguel Pulido, Jr.
Bradley Buzil	Dana Green	Elenna Salcido
Kailah Byrd	Kevin Heintz	Jacob Shiba
Josh Chen	Jackie Hirzel	Mandy Shold
Jacob De La Torre	Tsai-Ching (Jack) Hsi	Audrey Tran
Ivie Egiebor	Thomas Kutzer	Killian Vendler
Osawonyi Egiebor	Louie Lacasella	Juanita Wilson
Calvin Elder	Bryan Lee	Charli Worth
Bahareh Farahani	Candace Lee	Aaron Zambrano
Madison Farricker	Jennifer Menard	Samantha Zavala
Kathryn Francis	Cristina Moisa	
Chace Ginyard	James Nelson	

The following proposed amended rules and regulations are tentatively scheduled for hearings at upcoming Governing Board meetings. To verify whether scheduling changes have occurred, visit the SCAQMD website at [www.aqmd.gov/hb/gb\\_cal95.html](http://www.aqmd.gov/hb/gb_cal95.html) and check the Rules and Control Measure item on the Governing Board meeting agenda or call the Clerk of the Board's Office at (909) 396-2500.

Copies of SCAQMD rules and regulations can be downloaded from the website at [www.aqmd.gov/rulesreg.html](http://www.aqmd.gov/rulesreg.html) or provided by AQMD's Public Information Center, (909) 396-2039.

## October

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

Staff will consider exempting low-emitting processes/equipment that require written permits, and include them under the Rule 222 Filing Program, thus streamlining the permitting process, and reducing the cost for facilities and clarifying permitting requirements for several other processes.

For more information, contact Naveen Berry at (909) 396-2363 or [nberry@aqmd.gov](mailto:nberry@aqmd.gov)

### Rule 222 - Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II

Staff will evaluate currently permitted equipment with very low emissions and consider incorporating into the Rule 222 Filing Program. In addition, staff will evaluate other equipment currently exempt from permits, but subject to source specific rules, for inclusion into Rule 222 Filing Program.

For more information, contact Naveen Berry at (909) 396-2363 or [nberry@aqmd.gov](mailto:nberry@aqmd.gov)

### Rule 1401 - New Source Review of Toxic Air Contaminants Rule 1402 - Control of Toxic Air Contaminants from Existing Sources

The Office of Environmental Health Hazard Assessment (OEHHA) periodically reviews the list of toxic compounds and revises or establishes risk values. Rules 1401 and 1402 will be amended to revise the list of TACs. OEHHA is currently revising their risk assessment guidelines and, when adopted, District guidelines will be amended requiring Board approval. In addition, other administrative changes may be proposed.

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

### Rule 1902 - Transportation Conformity

Amendments to Rule 1902 will bring the District's Transportation Conformity rule in line with current U.S. EPA requirements.

For more information, contact Carol Gomez at (909) 396-3264 or [cgomez@aqmd.gov](mailto:cgomez@aqmd.gov)

## November

### Rule 1107 - Coating of Metal Parts and Products

Amendments to Rule 1107 would further reduce VOC emissions and improve rule clarity and enforceability.

For more information, contact Naveen Berry at (909) 396-2363 or [nberry@aqmd.gov](mailto:nberry@aqmd.gov)

### Rule 1114 - Control of Emissions from Refinery Coking Operations

Proposed Rule 1114 will establish emission limits and other requirements for the operation of coking units at petroleum refineries.

For more information, contact Naveen Berry at (909) 396-2363 or [nberry@aqmd.gov](mailto:nberry@aqmd.gov)

## November - continued

### Rule 1123 - Pilot Program for Refinery Start-up, Shutdown and Turnaround Procedures

Rule 1123 would implement 2007 AQMP Control Measure MCS-06 by identifying improved operating procedures and best management practices to reduce emissions from start-up, shutdown and turnaround operations.

For more information, contact Naveen Berry at (909) 396-2363 or [nberry@aqmd.gov](mailto:nberry@aqmd.gov)

### Rule 1138 - Control of Emissions from Restaurant Operations

Rule 1138 currently applies solely to chain-driven charbroilers. Proposed Air Rule 1138 will implement 2007 AQMP Control Measure BCM-05 for the reduction of PM<sub>2.5</sub> emissions from under-fired charbroilers. Staff has contracted with University of Riverside College of Engineering Center for Environmental Research & Technology (UCR-CECERT) for the testing and demonstration of affordable and effective particulate control technologies for under-fired charbroilers. Staff will propose amendments to Rule 1138 based on the results of those studies.

For more information, contact Philip Fine at (909) 396-2239 or [pfine@aqmd.gov](mailto:pfine@aqmd.gov)

### Rule 1420 - Emissions Standard for Lead Rule 1420.2 - Emissions Standard for Lead from Medium Lead Emitting Facilities

In October 2008, U.S. EPA lowered the National Ambient Air Quality Standard for lead from 1.5 to 0.15 ug/m<sup>3</sup>. Proposed Amended Rule 1420 and Proposed Rule 1420.2 will apply to lead sources and will include requirements to ensure the air basin meets the new lead standard.

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

## December

### Rule 415 - Odors from Rendering Plants

As part of the implementation of the 2010 Clean Communities Plan, staff is examining odor control techniques for rendering facilities and may propose a new regulation based on the staff analysis.

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

### Rule 1450 - Indirect Sources

Proposed Rule 1450 will identify approaches to reduce localized NO<sub>x</sub> and air toxic emissions and exposure from facilities associated with large indirect sources (i.e. facilities that attract mobile sources).

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

### Rule 2301 - Control Emissions from New or Redevelopment Projects

The proposed rule will implement the 2007 AQMP Control Measure EGM-01 - Emission Reductions from New or Redevelopment Projects. Since the initial proposal was released for PR2301, CARB in compliance with an SB 375 requirement has set greenhouse gas emission reduction targets for each metropolitan planning organization (MPO). SCAG's 2012 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) will contain the plan for how these target emission reductions will be met. In light of this development, PR2301 will be drafted as a backstop/contingency measure to ensure that the co-benefits of VOC, NO<sub>x</sub>, and PM<sub>2.5</sub> emission reductions from the SCS will meet the 2007 AQMP targets.

For more information, contact Carol Gomez (909) 396-3264 or [cgomez@aqmd.gov](mailto:cgomez@aqmd.gov)

# Clean Air PEOPLE

Meet the diversely talented staff at the SCAQMD

**T**he newest member of SCAQMD's District Prosecutor's Office is Mary Reichert, Deputy District Counsel II. You may not have seen much of Mary during her first year here at the agency, and that's because she hit the ground running working on an ongoing lawsuit against Home Depot for allegedly selling high volatile organic compound paints and architectural coatings in stores located within our jurisdiction, in violation of SCAQMD rules.

Not many of Mary's SCAQMD colleagues know that her initial career interest was not the law, but rather acting. Mary has a Bachelor of Fine Arts in Theater with a Minor in Environmental Studies. In fact, the acting bug is what originally brought Mary out to the Southern California area from her hometown of Cleveland, Ohio. She did theater, independent films, and voiceovers.

According to Mary, "I have no regrets, I took a shot and moved across the country."

Just prior to joining SCAQMD, Mary worked in San Francisco at a public interest law firm advising and representing government agencies and nonprofit organizations on a variety of environmental issues, focusing mostly on land use law, eminent domain, and CEQA.

Mary attended Tulane University Law School in New Orleans, Louisiana. She was in school for one week before Hurricane Katrina struck New Orleans. Mary, like so many others, was forced to evacuate the area. After spending the mandatory semester dismissal working in Hawaii, Mary returned and earned her Juris Doctor in 2008 with a certificate in



Mary Reichert

SCAQMD  
Advisor

Environmental Law. Her first position after law school was clerking for a Federal Judge in New Orleans.

Mary currently lives in the Phillips Ranch area of Pomona with her husband Joseph and their two dogs: Ginger, a Golden Retriever and Scrappy, a mixed terrier, whom Mary and Joseph rescued. They are currently expecting their first child. Going to the Mission Tiki Drive-In Movie Theater is one of their favorite Sunday pastimes.



Quintus Lee

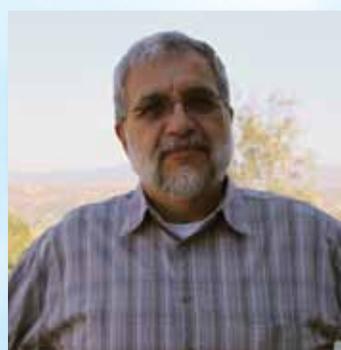
**Q**uintus Lee joined SCAQMD in June 2001 as a Computer Operator in the Information Management Department. His main responsibilities include equipment inventory control, doing daily system checks, routing IM operation jobs, and being in charge of all district network printer maintenance; however, his favorite

part of the job is the customer service.

Quintus is one of six siblings, all born and raised in Taiwan. In Taiwan, he received his Bachelor's Degree in English Literature. He worked for Singapore Airlines for several years and was able to travel the globe for free. After marrying his wife Desiree, they decided to move to New York in 1982. "We decided this might be the only opportunity to move, while we still had the courage", says Quintus. In New York, Quintus attended the New York Institute of Technology where he received a Master's Degree in Computer Science. After he graduated, he relocated to California where he got a job with Universal Studios doing computer graphics work. Living in Diamond Bar, he subsequently applied to the SCAQMD and was hired. He now lives 10 minutes from SCAQMD and he couldn't be happier.

Quintus has many hobbies such as origami, bowling, conducting bible study, and cooking. He is also a choir member at the Rowland Heights Community Christian Church. But one of his main passions is doing paper sculptures/3D impressions. It took him a long time to learn, devoting three hours every Saturday for two years to perfect his art. He enjoys giving his sculptures away as gifts; he feels that selling them would cheapen his hobby.

Desiree, Quintus' wife, is the Community Library Manager of the Rowland Heights Library. Their 21 year-old daughter, Jacqueline, is in her last year of college in Merced, where she studies Anthropology, and their 16 year-old daughter Eleanor spent her summer doing missionary work in Mexico.



Ernest Lopez

**E**rnst Lopez is the focused, easy-to-spot bicyclist in the bright yellow jacket powering up the hill to SCAQMD headquarters each work day – rain or shine. Ernie decided about four years ago to give up his couch potato lifestyle and to take up cycling, which has brought many unexpected benefits, such as being more connected to his community and getting involved

in local cycling organizations.

Ernie started at SCAQMD in 1984 as an inspector, and with the exception of a couple of brief interruptions, has been at SCAQMD ever since, contributing his talents to rule development, budgeting, and permitting, eventually becoming part of the Transportation Programs Group. His primary responsibilities include providing technical assistance to cities and database development for the AB 2766 program, and conducting Employee Transportation Coordinator training classes for the Rule 2202 program.

Ernie was born in San Jose, and came to southern California in the early '80s. He earned a BA in Biology from UC San Diego, an MS in Biology from California State University, Los Angeles, and an MS in Occupational Safety and Health from USC.

Ernie lives in Walnut with his wife Elisa, a recently retired second grade teacher, and their sons Benjamin, an artist, and Nathaniel, a student. Cosmo, their Golden Retriever (and ineffectual guard dog), completes the Lopez family. Ernie and Elisa enjoy going to concerts, museums, and the theater together, while Ernie's solo passion is astronomy. He takes part in annual campout gatherings of astronomers in Big Bear, an experience he describes as "peaceful and Zen-like."

Even though Ernie has had a variety of different jobs at SCAQMD, one aspect hasn't changed for him. He references the Air Quality Specialist job description which describes the ability to take a "Swiss army knife-like" approach to problem solving and adapting quickly, and expertly, to new projects and assignments. "I like to think that I'm that guy."



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## Briefly...

### Rule Compliance Promotion Classes CONTINUED from page 4...

#### Rule 463 & Rule 1178 - Certified Person Compliance Assistance Class

- December 7

Classes are held from 8:00 a.m. to 5:30 p.m. at the SCAQMD Diamond Bar Headquarters (Room GB). Registration fee is \$72.01 per person and pre-registration is required. Class and registration information is available at [www.aqmd.gov/aqmd/aqmd\\_training.htm](http://www.aqmd.gov/aqmd/aqmd_training.htm) under "Rule 463-Certified Person Compliance Assistance Class."

For information and to register, contact Rafael Reynosa at (909) 396-2360 or [rreynosa@aqmd.gov](mailto:rreynosa@aqmd.gov)

#### Rule 1176 - Sumps & Wastewater Separator Inspector Certification Class

- December 6

Classes are held at the SCAQMD Diamond Bar Headquarters (Room CC-6). Registration fee is \$55.65 per person and pre-registration is required. And individuals must attend and successfully complete both the Rule 1176 class and also CARB's training course #395 to become Certified Rule 1176 Inspectors. Information on registering for both classes is available at [www.aqmd.gov/aqmd/aqmd\\_training.htm](http://www.aqmd.gov/aqmd/aqmd_training.htm) under "Rule 1176-Sumps & Wastewater Separator Inspector Certification Class."

For more information and to register, contact Carolina Catalasan at (310) 233-7013 or [ccatalasan@aqmd.gov](mailto:ccatalasan@aqmd.gov)

#### Rule 1403 - Asbestos Emissions from Demolition/Renovation Activities Class

- September 12
- October 17
- November 14
- December 12

Classes are held from 8:00 a.m. - 1:00 p.m. at SCAQMD Diamond Bar Headquarters. Registration fee is \$75.68 per person and pre-registration is required. Class and registration information is available at [www.aqmd.gov/aqmd/aqmd\\_training.htm](http://www.aqmd.gov/aqmd/aqmd_training.htm) under: "Rule 1469 Hexavalent Chromium Training."

For more information and to register, contact Diane Oswald at (909) 396-2658 or (909) 396-2658 or [doswald@aqmd.gov](mailto:doswald@aqmd.gov)

#### Rule 2202 - Employee Transportation Coordinator Training

- September 13, SCAQMD Headquarters, Diamond Bar
- September 27, Courtyard by Marriott, Culver City
- October 11, SCAQMD Headquarters, Diamond Bar
- October 25, Foothill Transit, West Covina
- November 8, Hilton Orange County, Costa Mesa
- November 29, SCAQMD Headquarters, Diamond Bar
- December 6, SCAQMD Headquarters, Diamond Bar

Classes are held from 8:00 AM to 5:00 PM each day. Enrollment is limited to 20 students. Classes will be filled on a "first-come, first-served" basis. Pre-registration is required. Enrollment fee is \$156.98 per person. Class information is available [www.aqmd.gov/aqmd/aqmd\\_training.htm](http://www.aqmd.gov/aqmd/aqmd_training.htm) under "Rule 2202 - Employee Transportation Coordinator Training."

To register, call (909) 396-2777 or e-mail [etctraining@aqmd.gov](mailto:etctraining@aqmd.gov)

## SCAQMD Advisor

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

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