GOVERNOR LIFTS AIR POLLUTION PERMIT MORATORIUM

undreds of Southland businesses and public utilities forced to delay plans to expand, modernize or relocate can move forward after January 1, 2010 now that Governor Amold Schwarzenegger has signed a bill lifting an air quality permit

The governor signed Senate Bill 827, authored by Senator Rod Wright (25th District), to resolve this issue. This bill authorizes the South Coast Air Quality Management District (SCAQMD) to begin issuing more than 1,200 air pollution permit applications frozen by a state court decision in November 2008. SCAQMD will begin issuing permits blocked by the moratorium soon after January 1, 2010.

"Tens of thousands of jobs and more than \$5 billion in investment were foregone as a result of the court decision," said SCAQMD Chairman William Burke, Ed.D. "The governor's approval now helps jump-start our ailing economy while protecting our air quality."

The bill, first introduced as SB 696, allows SCAQMD to resume issuing permits to small and medium sized businesses that emit less than four tons per year of smog-forming emissions, as well as public service facilities such as police and fire stations, schools, hospitals, landfills and sewage treatment plants. Businesses affected by the permit moratorium include gas stations, tortilla chip makers, automobile recyclers and printers, among many others.

Small businesses and public facilities have been unable to obtain offsets from SCAQMD, due to a lawsuit filed in August 2007. The court required SCAQMD to set aside two of the agency's regulations governing its emissions offset program on California Environmental Quality Act (CEQA) grounds, even though CEQA compliance would otherwise occur at the individual project approval phase. That, in turn, put a halt to issuing new permits for facilities that needed emissions offsets.

For more information, contact (909) 396-3447 or permitmoratorium@aqmd.gov.



ecently, several Southland communities experienced another series of wildfires, the largest being the Station Fire in the Angeles National Forest. For over a month, this fire burned through more than 160,000 acres. The wildfires gained national attention as satellite images showed the extent of the area burned, and scientists observed an abundance of carbon monoxide from the Station Fire rising as high as 27,000 feet into the atmosphere, diminishing air quality across the nation as the plume traveled eastward. Smoke from the Station Fire resulted in unhealthy air quality in portions of the San Gabriel Valley and San Gabriel Mountains.

In addition to its ongoing network of fixed monitoring stations, SCAQMD deployed temporary mobile air quality monitors to areas predicted to be impacted by regional wildfire smoke which included areas in La Cañada Flintridge and Yucaipa. This was done to provide additional air quality data which assisted SCAOMD to better assess the air quality public health impacts from wildfire smoke for those regions.

SCAQMD incorporated preliminary data from the mobile monitors into the online interactive air quality map on the SCAQMD website on an hourly basis. Average daily visits to the map jumped from about 400 per day to over 40,000 during the peak of the fire danger.

Additionally, over 50,000 email alerts were sent daily to school districts, local governments and Clean Air Congress

members informing them of the air quality forecast for their region, along with tips on how to protect their health.

were urged to avoid stirring ash particles into the air when cleaning up ash and soot and to avoid using leaf blowers when cleaning up ash.

To aid residents who needed debris removed or structures demolished due to the region's wildfires, SCAOMD temporarily suspended the asbestos notification fee in SCAQMD's Rule 301 and the requirement for an advance 10-day notice for demolition or renovation activities for a short time.

For more information, contact Jason Low (909) 396-2269 or jlow@aqmd.gov.

Cleaning the air that we breathe...'



Volume 16 Number 6 November 2009



# SCAQMD Partners with Community Colleges to Develop Green Jobs Training Program

 $oxed{\mathbf{I}}$  o ensure the expanded use of green technologies, it is critical that end-users be provided with the resources necessary for proper installation, operation, and maintenance of these technologies. The Chairman's Helping Hand Initiative, which was approved by the SCAQMD Governing Board in February 2009, is an important effort to carry out these goals. The Initiative supports the local economy during the current recession, while keeping the region on a clean air path. Through the education/training element of this initiative, SCAQMD will build upon its past relationship with the region's community colleges to develop educational programs that will train technicians to become proficient with green technologies.

The proposal presented by the Advanced Transportation Technology & Energy (ATTE) Network of California Community Colleges consists of enhancement to existing and development of new accredited curricula focusing on energy efficiency, high voltage systems, retrofit technologies for heavy-duty vehicles, maintenance for alternative fuel vehicles, and on-board diagnostic evaluation for Smog Check technician training. The energy efficiency component of the program will focus on photovoltaic, solar thermal, and wind turbine technologies. Electric-hybrid vehicle technologies will be emphasized in the high voltage systems training, and the retrofit module will provide education and training on diesel particulate traps and related emission

control equipment maintenance on heavy-duty trucks. The alternative fuel vehicle component will focus on natural gas engine technology, and Smog Check training will cover

emission related vehicle repairs for light and medium-duty diesel vehicles using advanced on-board diagnostics.

The curriculum, which must be approved by the California Community Colleges' Chancellor's Office, will be made available to all community colleges and certain private training institutions. Essentially, the program will cultivate a comprehensive long-term self-sustained community college curriculum-based certificate or credit program to address present and ongoing technician training needs for green technologies deployed throughout the region.

For more information, contact Dean Saito at (909) 396-2647 or dsaito@aamd.gov.

## SCAQMD Governing Board Member Updates

#### **Election of Chair and Vice Chair**



A t its September meeting, the SCAQMD Governing Board re-elected its Board Chair and selected a new Vice Chair. William A. Burke, EdD was re-elected as Chair of the Board for a record eighth term. Burke has served on the SCAQMD Governing Board since 1993 as the representative of the Speaker of the Assembly. In addition, the Board unanimously selected as its Vice Chair Chino Mayor Dennis Yates, who joined the Board in 2004 as the representative of the 16 cities of San Bernardino County that lie within the South Coast Air Basin.

#### **New Member Joins the Board**

On October 2, 2009, Riverside County Supervisor Marion Ashley was sworn in to fulfill the remaining term of Supervisor S. Roy Wilson, who passed away in August. The new Board Member, whose term runs until January 15, 2010, previously served as a Riverside County Planning Commissioner, was elected to a seat on the board of the Eastern Municipal Water District, and served as Chair of the March Air Reserve Base Joint Powers Authority.

For more information, contact Pom Pom Ganguli at (909) 396-3185 or aganguli@agmd.gov.

## The Greening of SCAQMD

CAQMD has been "green" for years. However, to make sure that SCAQMD is doing all that it can do, a SCAQMD Green Policy was approved at the October 2, 2009, Governing Board Meeting. As a result, SCAQMD will continue to actively seek opportunities to institute workplace practices and purchases that are energy efficient, reduce waste, and minimize detrimental environmental impacts, without reducing safety or workplace quality.

The in-house print shop has used recycled paper for many years and SCAQMD has made it a priority to choose recycled products. But now, each SCAQMD division will institutionalize procedures that will minimize direct and indirect environmental impacts of its operations.

The newest Request for Proposals for Management and Operation of SCAQMD's cafeteria has several "green" requirements, such as: disposable items must be reusable, recyclable or biodegradable/compostable; ensure at least 25 percent of total combined food and beverage purchases are sustainable; supply and use cleaning products that meet or exceed applicable health and environmental specifications.

The newest janitorial contract will require that many of their cleaning products meet or exceed applicable health and environmental specifications.

In addition, contractors must use products, to the extent they exist, that have received SCAQMD's Clean Air Choices cleaner certification.

Landscaping products will ensure that pest control activities do not threaten environmental and human health and that they use the cleanest tools and equipment available on the market. This would include electric, battery-powered, or four-stroke

blowers, edgers, trimmers, and other gardening equipment.

SCAQMD will also strive to elevate employee awareness of ways they can help improve and maintain sustainable office practices.

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



from your home and is replaced by unheated outdoor air? The typical house has one-half to two air exchanges per hour, and even more on windy and/or very cold days. If your house or apartment has little insulation and several air leaks, you are paying to heat the outdoors. Installing wall, floor and ceiling insulation helps. You can also caulk around all windows, doors, pipes, and any opening into the house. Weather-strip all door and window openings and consider installing double-paned glass, outdoor or indoor storm windows, and/or insulated curtains.

Lowering your energy demand saves on electricity generation, and reduced air pollution and greenhouse gas emissions from power plants.

## Ask The SCAQMD Advisor...

## **Question:**

## Where can I find information about facilities and air pollution in my neighborhood?

### **ANSWER:**

The site, www.aqmd.gov, includes a web tool called FIND (Facility INformation Detail) that allows you to search for public information about SCAQMD-regulated facilities. FIND makes the data available to you in a consolidated way to provide a "one-stop" location for finding facility information, such as facility details, equipment lists, compliance history, reported emissions, and Hearing Board case details.

Regularly scheduled updates are made to this data at least once per week. And an interactive map of facilities includes streets and school locations and aerial imagery from the U.S. Geological Service.

For more information, contact Ed Pupka at (909) 396-3332 or epupka@aqmd.gov.

November 2009









### **Environmental Advocates Honored for Pollution-Fighting Achievements**

On October 2, 2009, individuals and organizations were recognized for their contributions to cleaner air at the South Coast Air Quality Management District (SCAQMD) 21st Annual Clean Air Awards. Bruce Hensel, M.D., KNBC-TV's Emmy Award-winning medical, health and science reporter and editor served as the emcee of the event held at the Millennium Biltmore Hotel in Los Angeles. Over 500 people were on hand as SCAQMD honored eleven recipients for achievement in technological, transportation, community, public education and environmental stewardship initiatives.

"Southern California residents can all breathe a little easier, thanks to the tireless and inspiring efforts of this year's Clean Air Award recipients," said William A. Burke, Ed.D., Chairman of SCAQMD's Governing Board. "We are humbled and honored to be recognizing them for their achievements toward healthier air."

The 2009 Clean Air Awards winners:

#### S. ROY WILSON MEMORIAL AWARD FOR **LEADERSHIP IN GOVERNMENT**

S. Roy Wilson, Ed.D., former Riverside County Supervisor and Vice Chairman of the SCAQMD Governing Board, first joined SCAQMD's Board in December 1987 and worked



diligently toward enhanced environmental and economic health for all Southern Californians for more than two decades. He passed away on August 26 at the age of 74.

In honor of his tireless dedication to public service, this award category was newly inaugurated as the S. Roy Wilson Memorial Award for Leadership in Government. Wilson was posthumously selected as the initial recipient of this award.

#### ROBERT M. ZWEIG, M.D. MEMORIAL AWARD

#### Rob S. McConnell, M.D. - Professor of Preventive Medicine, Keck School of Medicine of the University of Southern California (USC)

Dr. McConnell has conducted groundbreaking studies that

established a clear association between childhood asthma and environmental triggers. He has studied the effects of regional air pollution on permanently reduced lung function in Southern California children, as well as the link between vehicle emissions and increased rates of children's asthma in residential areas close to main roads.



#### ADVANCEMENT OF AIR POLLUTION **TECHNOLOGY AWARD**

#### Port of Long Beach & BP America **Oil Tanker Shore Power Operation**

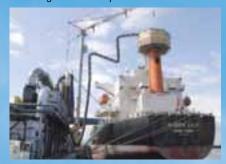
Recently, a BP oil tanker at berth in the Port of Long Beach (POLB) became the first in BP's worldwide fleet to switch from onboard diesel generators burning 10,000 gallons of diesel fuel a day to lower-emission, grid-based electricity.



The newly outfitted BP tanker and new POLB berth infrastructure reduce as much harmful emissions each day as would be eliminated by taking 187,000 cars off the road.

**Advanced Maritime Emissions Control System** Advanced Cleanup Technologies Inc. (ACTI) partnered with SCAQMD, the California Air Resources Board, and the Ports of Long Beach and Los Angeles to successfully demonstrate the Advanced Maritime Emissions Control System (AMECS). The AMECS consists of a "bonnet" secured to the exhaust stack of a ship at berth to collect emissions. The system removes more than 95% of harmful gases. Headquartered in Rancho

Dominguez, ACTI is an example of a local business that generates both economic and environmental benefits.



#### INNOVATIVE TRANSPORTATION PROJECTS AWARD

#### **United Parcel Service - UPS Route Optimization System**

UPS re-engineered its delivery network and developed a proprietary route optimization system nicknamed the "Right Turn Protocol" which incorporates right turns into routes whenever possible. Left turns use more fuel and time and have an increased accident risk. In 2007, these improved routes shaved off 30 million miles from delivery routes, saved



3 million gallons of fuel and reduced overall CO2 emissions by 32,000 metric tons - the equivalent air quality benefit of removing 5,300 passenger cars from the road for an entire year.

#### MODEL COMMUNITY ACHIEVEMENT

#### City of Monrovia **Monrovia Environmental Accords**

The City of Monrovia has taken a comprehensive approach to environmental sustainability by adopting the Monrovia Environmental Accords, developing a Green Team and



partnering with the San Gabriel Valley Council of Governments and others to make the San Gabriel Valley more environmentally friendly and sustainable.

#### PROMOTION OF GOOD ENVIRONMENTAL **STEWARDSHIP**

#### **Green Valley Initiative (GVI)** for the Inland Empire

The Green Valley Initiative's mission is to encourage the Inland Empire region to focus on green technology that draws upon existing local strengths. GVI is a public-private partnership that represents the tangible outcome of collaboration among more than 500 leaders from area city,



tribal and county governments and agencies, academic institutions, school districts, utilities, business, cultural and environmental groups, media representatives, and the community-at-large.

#### West Long Beach Association (WLBA)

The West Long Beach Association was founded in 1979 to combat air pollution and provide a voice for the residents of its multicultural community. It has become a vital environmental advocacy group for residents whose neighborhood is downwind from the Ports and bordered by



rail yards, freeways and large industrial sources.

#### **PUBLIC EDUCATION ON AIR QUALITY ISSUES**

#### John Zavalney **Science Expert, Los Angeles Unified School District**

John Zavalney is a science advisor for the San Pedro Math & Science Technology Center and the Los Angeles Unified



School District. He participates in leading global, national and local environmental education programs. In 2007, he was trained by former Vice President Al Gore to serve as a speaker representing Gore's Nobel Prize winning documentary "An Inconvenient Truth." He has made more than 150 global warming presentations throughout the United States and Mexico.

#### Susan LaCombe, R.N. **Nursing Services Asthma Program** Los Angeles Unified School District (LAUSD)

Susan LaCombe managed LAUSD's Nursing Services Asthma Program and worked with the schools, nurses, students and their families to improve asthma management for LAUSD's estimated 63,000 students with asthma by reducing exposure to asthma triggers. Now retired, she worked with



the Asthma and Allergy Foundation of America and County of Los Angeles USC Medical Center to bring the Breathmobile mobile asthma clinics to LAUSD schools.

#### **Metro Commute Services**

The Los Angeles County Metropolitan Transportation Authority (Metro) staff designed the Rideshare PlanMaker to help employers implement rideshare programs. The Rideshare PlanMaker allows companies to customize a rideshare program based upon the employer and



employee needs. The Rideshare PlanMaker CD and web link are available free of charge, and it has been widely distributed to over 2,200 employers and organizations and to 1.500 area employee transportation coordinators.

For more information contact Lourdes Cordova Martinez at (909) 396-3214 or Icmartinez@aqmd.gov.

## RULEUPDATE

The following proposed and amended rules and regulations are tentatively scheduled for hearing at upcoming Governing Board meetings. To verify whether scheduling changes have occurred, visit the SCAQMD Web site at www.aqmd.gov/hb/gb\_cal95.html and check the Rule and Control Measure item on the Governing Board meeting agenda or call the Clerk of the Board's Office at (909) 396-2500. Copies of SCAQMD rules and regulations can be downloaded from the website at www.aqmd.gov/rules/rules. html or provided by SCAQMD's Public Information Center, (909) 396-2039.

#### **December**

## Rule 317 - Clean Air Act Emissions Fees for Major Stationary Sources of VOC and NOx

The newly proposed amendments incorporate provisions for an alternative baseline for calculating fees and an exemption for permit units at BACT as requested by the Governing Board at the April 2009 Public Hearing.

For more information, contact Laki Tisopulos at (909) 396-3123 or ltisopulos@aqmd.gov.

## Rule 1112.1 - Emissions of Particulate Matter from Cement Kilns

Proposed amendments may adjust the allowable concentration or averaging time for carbon monoxide emissions for gray cement kilns.

For more information, contact Laki Tisopulos at (909) 396-3123 or ltisopulos@aqmd.gov.

## Rule 1193 - Clean On-Road Residential and Commercial Refuse Collection Vehicles

Amendments to Rule 1193 are being scheduled for purposes of improving the implementation of Rule 1193 and clarifying the requirements of private fleets as they operate under exclusive contracts with public entities based on recent U.S. Supreme Court and appellate court decisions.

For more information, contact Dean Saito at (909) 396-2647 or dsaito@aqmd.gov.

## Recent Events

SCAQMD regularly provides air quality information at community events throughout the region. Some recent examples:

School District School Nurses Annual Meeting and Educational Symposium - San Fernando

2009 Environmental Expo and River Clean Up – Santa Clarita

Saints Peter and Paul School and SCAQMD Environmental/Health Fair Wilmington

City of Orange Rideshare/Health Fair - Orange

Route 66 Car Show - San Bernardino

Health, Safety and Environmental Awareness Fair – San Fernando

Saint Anastasia Church Ministry Fair – Los Angeles

2009 Anaheim Transportation Faire - Anaheim

County of Orange Pollution Prevention Event - Santa Ana

Arrowhead Regional Medical Center Community Health and Safety Fair - Colton

The Salesian Boys and Girls Club Family Health and Safety Fair – Los Angeles

Los Angeles Society of Allergy, Asthma and Clinical Immunology Fall 2009 Symposium – Los Angeles

Greater Riverside Conference of Seniors Giving the Gift of Green to Their Grandchildren – Riverside

For more information, call Pom Pom Ganguli at (909) 396-3185 or aganguli@agmd.gov.



## **Maywood Town Hall Meeting**

Wednesday, November 18, 2009

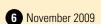
6:30 p.m.
Maywood Activities Center
Dolores Huerta Hall
4801 E. 5th Street
Maywood, CA 90270

The South Coast Air Quality Management District, in conjunction with the City of Maywood, will be hosting a Town Hall meeting to discuss community air quality issues.

The meeting will include:

- A presentation on local air quality and how it affects your health.
- Air quality information on the Exide Technologies lead-acid battery recovery/recycling facility located at 2700 S. Indiana Street in Vernon.
- A question and answer period for the public to share concerns about local air quality issues.

For more information, call Pom Pom Ganguli at (909) 396-3185 or aganguli@aqmd.gov.



Meet the diversely talented people who work at the SCAQMD

fter over 40 years of working for the SCAQMD, Maria Cruz still remembers the lesson of her first supervisor. "Always do your best, no matter what project you're working on and you will succeed." With this mentality, Maria was able to grow with SCAQMD. She started as a typist clerk in 1969 at the Los Angeles Air Pollution Control District. Maria was on the Fee Review Committee from 1979 up until last year.

She has done everything from being a Principal Office Assistant in the billing and operations department of Finance, coordinating data for the Portable **Equipment Registration Program** (PERP), to scheduling inspection and answering questions over the phone about various SCAQMD projects.

Maria has also caught the travel bug.

She has been to Mexico, all over Europe and especially loves Italy and France.

This adventurer also loves to gamble at casinos with her husband on mini weekend vacations. "It's in my blood," she says when alluding to her great grandfather who often did the

Maria will be retiring at the end of February 2010. Her plans are to relax and extend her traveling adventures in Europe once or twice a year. She looks forward to spending time with her husband, five children, and three grandchildren.



esse Clayton joined the SCAQMD in January of 2009.

As the building's maintenance supervisor, Jesse schedules routine and preventative maintenance in areas such as the kitchen, parking lots, and the child care center. He also schedules installation of large equipment such as cooling towers and boilers.

"In maintenance, there is something new and exciting every day that provides us with

opportunities to expand our knowledge and experiences," explained Jesse.

Before working at SCAOMD, Jesse was the maintenance supervisor at the Moreno Valley School District for five years and also worked with his father at their family construction company.

When Jesse is not at SCAQMD, he loves to travel with his wife Danielle; whom he married in January. Whether it's fishing and camping up in northern California, or relaxing on the beach in Hawaii, these newlyweds can't get enough of the outdoors and try to go on weekend adventures as much as possible.

Currently Jesse is focused on starting a family and planning a trip to Italy with his wife.



Jesse Clayton

here are very few people who get to say that they use Energy Dispersion X-ray Fluorescence (EDXRF) technology in their day to day job, but Laura Julius does. Laura uses EDXRF to run metals analysis of PM2.5 filters as an Assistant Air Quality Chemist. She has worked at the SCAQMD for a total of five years. From April 2004 to May 2006 she was a Contract Chemist in the lab. From May 2006 to December 2008

Laura was an Inspector in the Industrial group

and then transferred to Toxics and Waste Management where she conducted inspections of landfills, waste water treatment facilities, and chrome plating facilities.

Laura is currently a Master's student at California State University, San Bernardino, studying Environmental Science. She plans on using her degree to "contribute in a positive way to our community." When Laura is not at school or work she plays in a co-ed softball league. Her team, the Regulators, is made up of mainly SCAQMD employees. She also snowboards and takes her dogs hiking.

Laura loves to spend time with her husband and three dogs. Laura's goals are to complete her degree by the end of 2010, and to continue to "grow in my professional and personal life."







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

**Address Service Requested** 

## Brietly...

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

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

· Every third Thursday of the month

This course is held from 1:00 p.m. to 4:30 p.m. at the Coachella Valley Association of Governments, Room 119, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee, but pre-registration is required. To register, call toll free 1-866-861-DUST (3878) or email dustcontrol@aqmd.gov.

#### Rule 2202-Employee **Transportation Coordinator** Training

- November 18, SCAQMD's Headquarters, Diamond Bar
- December 3, SCAQMD's Headquarters, Diamond Bar

Classes are held from 8:00 a.m. to 5:00 p.m. Registration fee is \$154.81 per person. Enrollment is limited to 20 students and classes will be filled on a first-come, first-served basis. Full information on these classes can be located on our website at www.aqmd.gov under Business/Transportation/ Rule 2202 Training.

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

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

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

Class dates:

- November 18
- December 16

To register, call (909) 396-2658 or email doswald@aqmd.gov.

#### **Special Saturday Permit Assistance**

**SCAQMD** is providing free permit assistance for all businesses on Saturday, November 14, 2009 from 8:00 a.m. - 4:00 p.m.

For more information call (909) 396-3385 between 8 a.m. and 5 p.m. Tuesday through Friday.

## **CAOMD**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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