



SCAQMD

*Cleaning
the air
that we
breathe...*

ADVISOR

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Environmental Justice Community Partnership Hosted Many Events in 2016

Throughout 2016, SCAQMD significantly increased its outreach to environmental justice communities through its Environmental Justice Community Partnership initiative.

Launched in 2015 by Dr. William A. Burke, SCAQMD Chairman, the Partnership is designed to strengthen SCAQMD's relationship with stakeholders in environmental justice communities. The Partnership programs in 2016 provided community members with opportunities to learn about air quality issues, understand SCAQMD's role, and share their air quality concerns.

During 2016, the Partnership convened a broad, diverse thirteen-member Advisory Council, to help SCAQMD develop and produce its events. Those events included four workshops (one each in Los Angeles, Riverside, San Bernardino, and Orange counties) to engage the community, build stronger relationships, and address communities' needs.

The Partnership also held luncheons in each county where local environmental justice leaders were recognized. Those honored included Sylvia Paz in Riverside County, Oscar Rodriguez in Orange County, Dr. Larry Beeson and Dr. Samuel Soret (posthumously) in San Bernardino County, and Monsignor John Moretta and Angelo Logan in Los Angeles County.

To close out the year, in mid-November, the Partnership presented "Our Voices, Our Lives, Our Air: A Conference on Environmental Justice and Air Pollution." Civil rights activist and entrepreneur, Danny Bakewell, Sr., delivered the keynote address on social activism and environmental justice. The featured speaker was Melissa Mays, an environmental justice activist from Flint, Michigan, seeking to resolve Flint's water crisis. The event drew over 280 people, which included environmental justice activists, nonprofit representatives, staff of elected officials, and representatives from other public agencies.

The Partnership is planning several workshops for 2017 and will hold another environmental justice conference later this year as well.



SCAQMD Builds on a Dream: Hosts Fourth Annual MLK Event



On January 14, 2017, over 400 people gathered together for an afternoon of inspiration at the SCAQMD's 4th Annual Martin Luther King Jr. Day of Service Forum at the California Science Center.

The free event showcased an array of exciting speakers, musical entertainment and an opportunity to hear from keynote speaker Maryum "May May" Ali, the eldest daughter of boxing great and stalwart social activist, Muhammad Ali.

Ms. Ali spoke about the need for civic engagement during these times, as well as the importance of listening to today's youth and understanding their changing needs.

Featured performances included renowned actress and singer Eloise Laws, Grammy-nominated vocalist Arnaé Batson, "The Voice of Dr. King" Gerald Rivers, as well as select students from Today's Fresh Charter School. Pat Prescott, of 94.7 FM The Wave, served as Mistress of Ceremonies.



New High-End Shirt Changes Color As Pollution Increases

In the latest attempt to expose more people to the issue of air pollution, a New York City designer has developed a high-end shirt that changes color when exposed to various pollutants. Nikolas Gregory Bentel released his new line of long sleeve shirts that will change color as they are exposed to different levels of air pollution. The shirt line, called Aerochromics, has garments priced from \$500 each.

"Aerochromics is a statement on the rapid deterioration of our world's air quality," Bentel told the London Guardian. "Air quality is only one small part of the larger spectrum of the pollution that we are slowly seeing taking hold of our planet."

Available in three black-and-white designs, the shirts react to three different pollutants – carbon monoxide, particulate pollution and radiation exposure. For example chemical salts in the fabric turn carbon monoxide into carbon dioxide, and that process changes the color of the shirts. When carbon monoxide levels fall and oxygen levels increase, the shirts change color again.

Rather than utilizing smartphone apps to determine the quality of the air, Bentel told The Guardian, these shirts provide more than just a fashion statement. "The shirt forces the user to be aware of pollution levels constantly," and remind others as well, since they "are visible from any direction."



First Residential Furnace Certified Under Rule 1111

The first natural gas-fired furnace meeting the emissions requirements for SCAQMD Rule 1111 has been certified.

The natural gas-fired furnace from Rheem Manufacturing Company (Model 801TA070317UUA) is now the first to be certified under the rule by meeting a 14 ng/Joule NOx emission limit for non-condensing furnaces. The certification was achieved after a source test performed last June that demonstrated the model operated well below the emissions limit at all stages of firing, in particular during start-up.

Rule 1111, which prohibits the manufacture or sale of non-compliant natural gas-fired, fan-type central furnaces by October 2015, is designed to reduce emissions of nitrogen oxides (NOx)

from these appliances. Under a prior amendment, manufacturers were afforded more time, with payment of a mitigation fee, to conduct product development for commercializing compliant furnaces.

The rule applies to manufacturers, distributors, sellers and installers of residential and commercial fan-type central furnaces, requiring either single-phase or three-phase electric supply, used for comfort heating with a rated heat input capacity of less than 175,000 BTU per hour, or, for combination heating and cooling units, a cooling rate of less than 65,000 BTU per hour.



London, England To Impose Fee To Drive Polluting Cars in Business District

With clean air agencies in North America looking for minimally intrusive approaches to reduce emissions from light duty vehicles, one place they are probably not looking is England. That's because the Mayor of London announced in mid-February that drivers in his city would face a new £10 fee (approximately \$12.40 USD) if they drove older, more polluting cars into Central London, the city's business district.

Mayor Sadiq Khan announced the fee, which he called a T-charge (for toxicity charge), would begin on October 23, 2017, which is the 14th anniversary of the start of the city's congestion charge, an £11.50 charge imposed on most vehicles in central London on weekdays. That fee was imposed to reduce congestion in the British capital's busiest area. The new T-charge will be imposed during the same hours as the congestion fee, between 7am and 6pm Mondays to Fridays.

The T-charge is expected to impact the nearly 10,000 vehicles that do not meet Euro 4 standards – typically those diesel and gasoline vehicles registered before 2006. So drivers of those older, more polluting vehicles would have to pay a total of £21.50 to enter Central London.

The Guardian newspaper quoted Khan as saying that "It's staggering that we live in a city where the air is so toxic that many of our children are growing up with lung problems. If we don't make drastic changes now we won't be protecting the health of our families in the future." Khan said this would be the toughest emission standard of any major city.

London joins Paris and Stuttgart, among other major cities around the world, addressing the rise of poor air quality. Paris currently has a ban on older, more polluting vehicles between 8am-8pm on weekdays. Stuttgart, the home to German carmakers Mercedes-Benz and Porsche, will impose a ban on all diesel cars that do not comply with the latest EU diesel emission standard.

Air pollution is believed to cause nearly 40,000-50,000 premature deaths in the United Kingdom each year, and in April 2016 a parliamentary committee declared the situation a "public health emergency." In November 2016, a high court judge rejected a government-proposed planning timetable as "far too leisurely," and ordered an effective draft plan by April 2017 and a final one by the end of July 2017.

CESAR CHAVEZ DAY OF REMEMBRANCE

Join SCAQMD for an Inspirational Day on the Environment and Air Quality

KEYNOTE SPEAKER



CHRISTINE CHAVEZ

Farmworker Coordinator for the United States Department of Agriculture and granddaughter of Cesar Chavez

HONORED WITH THE RICHARD ALATORRE ENVIRONMENTAL JUSTICE FOR ALL AWARD



FABIAN NUÑEZ

Former California Speaker of the Assembly and author of the California Global Warming Solutions Act of 2006

SATURDAY MARCH 25, 2017
DOORS OPEN AT 10:45AM
11:00 AM TO 1:00 PM

LA PLAZA DE CULTURA Y ARTES
501 NORTH MAIN STREET, LOS ANGELES, CA 90012

Admission is free, but RSVP required by March 17.

To RSVP, email publicadvisor@aqmd.gov (with "RSVP Chavez Event" in subject line) or call (909) 396-2432.

More EV Chargers Installed at SCAQMD Parking Facility

In September 2016, the SCAQMD Governing Board approved the installation of new Level 2 EV chargers to the parking area at the agency's Diamond Bar headquarters. The project has already added 40 new charging ports to the perimeter of the upper deck of the facility's parking structure and 16 charging ports under the solar carport, providing a significant increase in the spaces for electric vehicles to recharge.

Additional charging ports are expected to be installed by April 2017 including 12 charging ports near the front lobby (including two ADA-accessible charging ports, meeting the Americans with Disabilities Act standards for accessible design), 17 charging ports at conference room CC8 (including six swap-outs of out-dated charging ports), three more charging ports under the solar carport, and four ADA-accessible charging ports at the entrance to the upper parking deck. The chargers are available for use by both SCAQMD staff and the public. The majority of construction activities will be completed by the beginning of March 2017, with a small amount of work being performed in April 2017.

In total, the installation will add 92 Level 2 EV chargers at SCAQMD headquarters. These new units will utilize the Greenlots networking software, user-accessible via smartphone app or RFID card.

Greenlots networking software allows users to access real-time availability and notifications, informing users when charging sessions start and stop. Signage will be placed at spaces to indicate charging and parking limitations.

Two new members join SCAQMD Governing Board; One for second time

On January 6th, Los Angeles County Supervisor Sheila Kuehl was sworn in to the Governing Board. She was elected to the Los Angeles County Board of Supervisors in 2014 and has undertaken or collaborated in a number of initiatives and motions to improve the quality of life for county residents such as championing water conservation and recycling innovations, protection of the Santa Monica Mountains and coastline, and efforts to reduce homelessness and provide services for foster youth. She previously served eight years in the California State Senate, six years in the California State Assembly, and was the first woman named Speaker pro Tempore of the Assembly. Prior to her career as an elected official, she worked as a public interest attorney and a law professor. She fills the remainder of the four-year term on the SCAQMD board held by former L.A. County Supervisor Michael Antonovich, who departed the board of supervisors due to term limits.

At the February 3rd Governing Board meeting, Riverside County Supervisor Marion Ashley was sworn in to the SCAQMD Board. A previous SCAQMD Governing Board member from October 2009 to July 2010, he fills the unexpired term of the late Riverside County Supervisor John Benoit, who passed away in December.

Ashley was elected to the Riverside County Board of Supervisors in 2002 to represent the county's Fifth District and has served twice as Chairman of the Board of Supervisors. Before joining the county board, he served on the Riverside County Planning Commission and was elected to the Eastern Municipal Water District in 1992. Supervisor Ashley has also served as chairman of both the Western Riverside Council of Governments and the Coachella Valley Association of Governments, and as the county representative to the Southern California Association of Governments. Among his other roles, he also serves on the board of the Mojave Desert Air Quality Management District.

SCAQMD Continues Efforts to Reduce Hexavalent Chromium Emissions in Paramount

In the past several months, SCAQMD has continued its efforts to address community concerns about toxic and cancer-causing hexavalent chromium emissions from metal processing businesses in Paramount.

To protect public health in Paramount, SCAQMD initiated a multi-agency effort with federal, state, and county agencies. SCAQMD placed air monitors in more than two dozen locations across the city, inspected more than 170 businesses, and has taken over 40 enforcement actions. So far, two businesses have been required by the SCAQMD Hearing Board order to curtail operations and equipment if they cause levels of hexavalent chromium to exceed a specified threshold.

SCAQMD staff continues to communicate with the community by hosting town halls and conference calls (in Spanish and English), and posting information on aqmd.gov. Furthermore, the SCAQMD has partnered with city officials, affected facilities, trade associations, area schools, and residents in developing effective control mechanisms going forward.

Air quality inspectors have responded to numerous complaints and cited businesses in violation of air quality standards and SCAQMD chemists have worked overtime in the agency's laboratory to analyze the large number of air samples.

SCAQMD will continue to monitor for toxic emissions from businesses in Paramount.



**CHECK
BEFORE YOU
BURN**

Check Before You Burn Program

From November 1 through the end of February, SCAQMD asks residents to participate in its "Check Before You Burn" program. This program, a part of the Healthy Hearths™ initiative, is designed to improve wintertime air quality by halting burning wood in fireplaces when unhealthy air quality is forecast.

As of late February, there have been eight no-burn days called for the 2016-2017 winter season. This is a decrease from the 14 no-burn days called during the 2015-2016 season and 25 no-burn days called in 2014-2015. Although PM2.5 levels have not exceeded the 24-hour standard as often this year as in the past, particulate levels can still be significant during cool evenings when some residents are burning wood in their fireplaces.

SCAQMD recommends burning only properly seasoned firewood, or better yet, converting to a cleaner, natural gas burning log set.

Please visit www.healthyhearths.org for more information about the Check Before You Burn program.

CLEAN AIR People



Fabian Wesson:
New Assistant DEO/
Public Advisor
Joins SCAQMD

Fabian Wesson joined SCAQMD in December 2016 as the new Public Advisor and Assistant Deputy Executive Officer for Legislative, Public Affairs, and Media. Prior to joining SCAQMD, she worked as a consultant for California Senate President pro Tempore Kevin de León and the Senate Democratic Caucus.

In her new position, she has two distinct roles. As the Assistant Deputy Executive Officer for the division, she oversees the division's budget and key administrative and personnel matters. In her critical role as the SCAQMD Public Advisor, Fabian acts as a liaison to the public and provides assistance by answering questions they may have, addressing key concerns, or linking them to other divisions that can provide responses to their questions.

"It's a challenge, but I've always enjoyed a challenge," she said. "It's empowering, being able to see directly how I make a difference and contribute to the community."

Fabian originally hails from Indianapolis, Indiana, but moved to California in February of 1975. She remembers being "knee-deep in snow" in Indianapolis and being impressed with the stark contrast of California's sunny winter.

In her spare time, Fabian enjoys spending time with her three grandchildren and playing golf with her husband.



Ruby Fernandez :
Hiking the John
Muir Trail

While some people were relaxing by the pool last August, SCAQMD's Senior Deputy District Counsel, Ruby

Fernandez and her husband Doug spent three weeks hiking the John Muir Trail in the Sierra Nevada Mountains. They trekked 235 miles with a total of 40,000 foot elevation gain. They chose to take the more difficult south-to-north route, which started at Horseshoe Meadows near Mount Whitney and ended at Happy Isles Trailhead in Yosemite. Technology, extensive hiking experience and lots of prep and planning helped to make the trip successful. Even a severely sprained ankle with sixty miles to go didn't slow Ruby down. They carried a solar charger which powered their iPhone GPS and a satellite text device. Ruby and Doug's hard work was rewarded with good weather and a rare sighting of the endangered Sierra Nevada Bighorn Sheep. Other highlights of their trip included summiting Mount Whitney as well as meeting many interesting characters along the way. Future hiking plans include more Sierra trips with family and friends and a Canadian Rockies adventure.

SIGN UP TO RECEIVE NOTICE OF PROJECTS SUBJECT TO PREVENTION OF SIGNIFICANT DETERIORATION (PSD)

Owners and/or operators planning projects which include installing or modifying equipment that could emit or control air pollution are required to first file an application with SCAQMD to obtain a permit. As part of its permit evaluation process, SCAQMD must review the project to ensure air quality does not significantly deteriorate while maintaining a margin for future industrial growth. During the review period, SCAQMD also notifies affected members of the public of such projects, depending on their location, nature, and scope.

Prevention of Significant Deterioration (PSD) applies to both new major sources of pollution and major modifications at existing sources, either where the area the source is located is in attainment or is unclassifiable with the National Ambient Air Quality Standards.

To receive notices of projects under review, visit aqmd.gov/home/permits/psd. For current proposed PSD projects, this webpage allows users to view the Public Notice and Draft Permit, submit and view comments, and sign up for alerts via email or US Mail.

Rule Update

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 aqmd.gov/home/library/meeting-agendas-minutes 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 aqmd.gov/home/regulations or obtained from SCAQMD's Public Information Center at (909) 396-2039.

May

Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II
Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II

Amendments to Rules 219 and 222 may be proposed in tandem to exclude equipment with de minimis emissions from the requirement to obtain written permits by adding additional equipment categories to the streamlined file/registration program of Rule 222. For more information, contact Tracy Goss at TGoss@aqmd.gov or (909) 396-3106.

Rule 1150.1 – Control of Gaseous Emissions from Municipal Solid Waste Landfills

Proposed amendments will address U.S. EPA revisions to the Standards of Performance for Municipal Solid Waste Landfills (NSPS) and Existing Guidelines and Compliance Timelines

(EG) for Municipal Solid Waste Landfills, as well as CARB Greenhouse Gas requirements. For more information, contact Ian MacMillan at imacmillan@aqmd.gov or (909) 396-3244.

Regulation III – Fees

Regulation III will incorporate a Consumer Price Index adjustment to keep pace with inflation, pursuant to Rule 320, and proposed amendments may also make any other needed adjustments.

For more information, contact Carol Gomez at CGomez@aqmd.gov or (909) 396-3264.

June

Rule 1118 – Control of Emissions from Refinery Flares

The proposed amendments would address emissions from flaring during external events like power failure on the local grid and from flaring events caused by refinery activities.

For more information, contact Ian MacMillan at imacmillan@aqmd.gov or (909) 396-3244.

Rule 1147 – NOx Reductions from Miscellaneous Sources

Proposed Amended Rule 1147 will modify emission limits for certain source categories based on findings and recommendations from the Rule 1147 Technology Assessment.

For more information, contact Tracy Goss at TGoss@aqmd.gov or (909) 396-3106.

Rule 1445 – Control of Toxic Emissions from Laser Arc Cutting

Proposed Rule 1445 will establish requirements to reduce toxic metal particulate emissions from laser arc cutting.

For more information, contact Susan Nakamura at SNakamura@aqmd.gov or (909) 396-3105.



29th Annual Clean Air Awards Online Nominations Begin March 17

Each year, for over a quarter of a century, SCAQMD has honored those that have helped to improve the air we breathe across our region. Our air is cleaner and our families are healthier because of their efforts.

Nominations for the 29th Annual Clean Air Awards will be open March 17 for the following categories:

- INNOVATIVE CLEAN AIR TECHNOLOGY
- MODEL COMMUNITY ACHIEVEMENT
- CLEAN AIR EDUCATION AND OUTREACH
- BUSINESS LEADERSHIP IN AIR QUALITY
- YOUTH LEADERSHIP IN AIR QUALITY

Visit CleanAirAwards.com to submit a nomination. All nominations must be submitted online through that website. The deadline for submitting nominations is 11:59 p.m. on July 7, 2017.

SAVE THE DATE for the 29th Annual Clean Air Awards luncheon to be held on Friday, October 6, 2017 at the Millennium Biltmore Hotel in Los Angeles.



South Coast Air Quality Management District

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Briefly...

Rule Compliance Promotion Classes

Rule 403 – Dust Control in the South Coast Air Basin Training

- Every third Wednesday of the month: January through November.

This class is held at SCAQMD's Diamond Bar Headquarters from 8:30 a.m. to 11:30 a.m. There is no fee. Pre-registration is required and walk-in registrations are not allowed.

Visit aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust (and click on "south coast" near the top of the page) for class and registration information. To register, e-mail dustcontrol@aqmd.gov or call toll-free 1-866-861-3878.

Rule 403 & 403.1 – Dust Control in the Coachella Valley Training

- Every third Thursday of the month: January through November.

This course is held from 1:00 p.m. to 4:30 p.m. at the Coachella Valley Association of Governments, Room 115, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee. Pre-registration is required and walk-in registrations are not allowed.

Visit aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust (and click on "coachella valley" near the top of the page) for class and registration information. To register, email dustcontrol@aqmd.gov or call toll-free 1-866-861-3787.

Rule 461 – Gasoline Transfer and Dispensing Training? Daily Maintenance Inspection Class

- March 24, 2017
- June 16, 2017

The class fee is \$153.21 per person.

Vapor Recovery System Tester Orientation Class

- March 10, 2017
- June 9 2017
- August 18, 2017

The class fee is \$159.41 per person.

Periodic Compliance Inspection Class

- March 3, 2017
- June 2, 2017

The class fee is \$167.68 per person.

Classes meet at SCAQMD headquarters in Room CC6 from 8:30 a.m. to 5:00 p.m. Check-in time is 8:00 a.m. to 8:30 a.m. Pre-registration is required and walk-in registrations are not allowed.

Visit aqmd.gov/home/regulations/compliance/gasoline-dispensing2/rule-461-classes for class and registration information. Contact Michele Martinez at (909) 396-3058 or MMartinez1@aqmd.gov for more information.

Rule 1403 – Asbestos Demolition and Renovation Compliance Training

- April 19, 2017
- June 21, 2017

Classes are held at SCAQMD's Diamond Bar Headquarters (Room CC6) from 8:00 a.m. to 1:00 p.m. Registration fee is \$83.39 per person. Pre-registration is required and walk-in registrations are not allowed.

Visit aqmd.gov/home/programs/business/training-1403-asbestos-demolition for class and registration information. Contact Sharon Fujimoto via email at SFujimoto@aqmd.gov or call (909) 396-2183 for more information and to register.

Rule 2202 - Employee Transportation Coordinator (ETC) Training

- March 23, UC Irvine, UCI Student Center, Irvine
- April 13, SCAQMD Headquarters, Diamond Bar
- April 27, L.A. Metro, Los Angeles
- May 11, SCAQMD Headquarters, Diamond Bar
- May 25, Courtyard by Marriott, Burbank
- June 8, SCAQMD Headquarters, Diamond Bar
- June 22, LAX Flight Plath, Los Angeles

Classes are held from 8:00 a.m. to 5:00 p.m. each day. Registration fee is \$172.97 per person. Enrollment is limited. Pre-registration is required and walk-in registrations are not allowed.

Visit aqmd.gov/home/programs/business/training-2202-etc for class and registration information. To register, e-mail etctraining@aqmd.gov or call (909) 396-2777.

SCAQMD ADVISOR

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