

Cleaning the air
that we breathe...



Volume 19
Number 6
November 2012

Public Hearings Held on Draft 2012 Air Quality Management Plan

The South Coast Air Quality Management District (SCAQMD) recently hosted four regional public hearings in September seeking public comment on its 2012 Revised Draft Air Quality Management Plan (AQMP).

The AQMP is the agency's blueprint for reaching federally mandated, health-based clean air attainment goals throughout the Southland.

The major goals are to meet the:

- 24-hour PM2.5 (fine particulate) standard by 2014;
- 1-hour ozone standard by 2022, and;
- to specify certain commitments in the 2007 State Implementation Plan (SIP) relative to meeting the 8-hour ozone standard.

Public hearings were held at California State University Los Angeles, Buena Park Community Center, San Bernardino's Norton Regional Events Center, and the Louis Rubidoux Public Library in Riverside. The 2012 AQMP changes include baseline

inventory refinements, modified SIP commitments, inter-pollutant flexibility as part of transportation conformity, and shifting NOx RECLAIM to a contingency measure.

On September 28, 2012, staff released the Draft Socioeconomic Report for a 45-day public comment period. Interested parties have until November 12, 2012 to submit comments on both the Draft Socioeconomic Report and the Revised Draft AQMP.

Public comments also can be made online at www.aqmd.gov/aqmp/2012aqmp/comments.htm; via email to 2012aqmpcomments@aqmd.gov; in writing; or while attending one of the second round of regional public hearings scheduled for November (see schedule at right).

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

Upcoming Regional Public Hearings on the 2012 AQMP

Tuesday, November 13, 2012
2:00 PM
Cerritos Library, Skyline A
18025 Bloomfield Avenue
Cerritos, CA 90703-8525

Wednesday, November 14, 2012
10:00 AM
Buena Park Community Center
6688 Beach Boulevard
Buena Park, CA 90622

Thursday, November 15, 2012
10:00 AM
Norton Regional Events Center,
Auditorium
1601 E. 3rd Street
San Bernardino, CA 92408

Thursday, November 15, 2012
3:00 PM
Louis Rubidoux Public Library,
Community Room
5840 Mission Boulevard
Riverside, CA 92509

DOE Awards SCAQMD \$4.1 Million for Zero-Emission Truck Project

SCAQMD was awarded \$4.1 million from the U.S. Department of Energy (DOE) to develop and demonstrate four zero-emission drayage truck technologies to help reduce diesel emissions from goods movement activities. Drayage trucks haul cargo containers short distances, typically from the ports to nearby rail centers or warehouses.

"This award helps us target deployment of cleaner transportation technologies in areas disproportionately impacted by diesel emissions, such as the ports," said William A. Burke, Ed.D., SCAQMD Board Chair.

The four projects will include three types of battery-electric truck demonstrations by Balqon in Harbor City, TransPower in Poway and U.S. Hybrid in Torrance, and as well as one

fuel cell hybrid truck project at Vision Industries in Gardena. A total of 13 trucks will be developed.

Collectively, heavy-duty diesel trucks operating in the Southland emit more than 181 tons of nitrogen oxides and five tons of diesel particulate matter per day. According to SCAQMD's third Multiple Air Toxics Emission Study (MATES III), diesel trucks account for a significant portion of the area's cancer risk, particularly impacting residents living in communities surrounding the area's ports.

For more information, contact Dipankar Sarkar at (909) 396-2273 or dsarkar@aqmd.gov



Clean Air Fair Informs Seniors

More than 2,500 seniors filled the Los Angeles Convention Center on September 20th to take part in a special Clean Air Fair.

The event drew its attendance from 80 senior centers throughout Los Angeles county.

Attendees enjoyed the sound of the Victor Cisneros Jazz Duo as they browsed through the exhibitor booths, visited the Breathmobile® mobile asthma clinic, checked out clean fuel cars, and took advantage of free health screenings and other services.

Aerobics instructor Laura Gonzales infused a burst of energy as she led the seniors in low impact "Chair Aerobics." Entertainer Dick Van Dyke provided comic relief and noted that even at 86, he was still able to keep up with the aerobics routine.

Other speakers at the event included Dr. Andrea Hricko of the USC Keck School of Medicine who discussed the health impacts of air pollution, and Los Angeles City Attorney Carmen Trutanich, who encouraged seniors to utilize the City's many free 'Healthy Living' programs.

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

CHECK BEFORE YOU BURN

Wintertime Air Quality to Benefit from "Check Before You Burn" Program and Gas Fireplace Incentives

As part of the Healthy Hearths™ initiative, SCAQMD has initiated a mandatory "Check Before You Burn" program to help improve wintertime air quality by reducing emissions from wood burning in fireplaces.

From November 1st through the end of February, SCAQMD will issue mandatory no-burn advisories for areas where fine particulate air pollution is forecast to reach unhealthful levels. Daily forecast information can be found on SCAQMD's "Check Before You Burn" map at www.aqmd.gov/healthyhearths/checkbeforeyouburn.htm, by phone at (866) 966-3293, and via e-mail for those that sign up for Air Alerts at www.aqmd.enviroflash.info.

Wood smoke contains gases and tiny particles known as fine particulates (PM2.5) that lodge deep in the lungs, reduce lung function, cause chronic bronchitis and potentially cause premature death. Wood burning creates approximately 5.5 tons of PM2.5 emissions per day in the Southland, which is four times the amount of PM2.5 emitted from all power plants in the area.



In addition, SCAQMD's Governing Board recently approved funding for incentives to reduce the cost of purchasing and installing gas log sets or gas stoves (which have lower emissions than their wood-

burning counterparts). Under the program, Southland residents (except individuals living in the mountain communities) can receive up to a \$200 discount to replace existing wood-burning fireplaces or stoves with gas models.

The list of participating retailers who will apply the discount is available at www.aqmd.gov/healthyhearths/Incentives_FAQ.htm.

For more information, contact SCAQMD by phone at 1-800-CUT SMOG (288-7664) or by email at HealthyHearths@aqmd.gov

New Websites Provide Cash Incentives to Scrap High-Polluting Vehicles

Southern California drivers hoping to upgrade to cleaner vehicles now have a helping hand, thanks to two new programs aimed at improving the air quality while reducing the number of high-polluting vehicles on the road.

SCAQMD, in conjunction with the Foundation for California Community Colleges, has launched two new websites to make it easier for consumers to learn about cash incentives to scrap their current vehicle and replace it with a newer, more fuel-efficient one.

The websites for the Enhanced Fleet Modernization Program (at vehicleretirement.org) and the High Emitter Replace or Scrap 2 (HEROS2) program (at heros2.org) enable vehicle owners to apply online, locate Gold Shield Smog Check stations, and find dealers and dismantlers in the region.

Owners of eligible vehicles will be given cash incentives, ranging from \$1,000 to \$4,000, to scrap their polluting vehicles, and replacement vouchers to upgrade to newer and cleaner models.

Of all of the light- and medium-duty vehicles on the road, approximately 10 percent are responsible for nearly half of all emissions for that vehicle category, according to several studies.

This program is a win-win for both Southern California motorists who want to upgrade to newer, cleaner vehicles, and South Coast Air Basin residents who will breathe cleaner air.

For further details on how to apply and participate, visit www.heros2.org or www.vehicleretirement.org or call (800) 622-7733



SCAQMD Responds to Williams Wildfire

On Saturday, September 2nd, the Williams Wildfire broke out and burned 4,200 acres in the San Gabriel Canyon. Fire crews battled the fire for hours as hazardous smoke filled the surrounding area. After SCAQMD became aware of the fire, it published a smoke advisory on its website, provided updates on the status of the fire, potential areas of smoke impact, tips on reducing smoke inhalation, and web links for additional information.

Each of these efforts helped inform the public and the media on the location of the impacted areas and informed individuals on how to protect themselves. SCAQMD deployed three portable monitors (called E-BAMs) to measure the particulate concentrations in areas predicted to be impacted by the fire. The monitors continuously tracked particulate matter concentrations until the fire was contained and pollution levels returned to normal.

To receive updates on air quality issues or to be alerted about wildfires, sign up for SCAQMD Air Alerts at www.AirAlerts.org.

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

Two Named to Legislative and Public Affairs Posts

The South Coast Air Quality Management District recently appointed two communications veterans to senior positions in its Legislative & Public Affairs (LPA) division. Lisha Smith was named the Deputy Executive Officer of Legislative and Public Affairs, and Derrick Alatorre was named as both the division's Assistant Deputy Executive Officer and as SCAQMD's Public Advisor.

Smith brings with her over 20 years of public affairs and community relations experience. She returns to the District after serving as Deputy Chief of Staff and Board Assistant to San Bernardino County Supervisor and SCAQMD Governing Board Member Josie Gonzales. During her initial tenure at SCAQMD, Smith held several positions, eventually serving as Community Relations Manager overseeing the division's community outreach efforts. In her earlier years at the agency, she played an integral role in the creation of the SCAQMD Advisor. Smith, an East Coast native and avid football fan, remains loyal to her lifelong team, the Washington Redskins.

Alatorre worked as a Public Affairs Officer for the California Department of Transportation (Caltrans) and the California Department of Toxic Substances Control, before bringing his talents to SCAQMD as a Senior Public Information Specialist. He served in that role until his

appointment on April 27th. A father of three daughters and veteran of the United States Navy, he is an avid fan of the University of Southern California Trojans.

The Office of Legislative & Public Affairs provides information on SCAQMD regulatory, planning and legislative activities to the general public, businesses, local governments, ethnic communities, and environmental organizations. The Public Advisor's office provides assistance, technical services, and information to both small businesses and the public regarding SCAQMD programs and regulatory activities.

For more information, contact Lisha Smith at (909) 396-3242 or LSmith@aqmd.gov or Derrick Alatorre at (909) 396-3122 or DAlatorre@aqmd.gov



Symposium Explores Impacts of Hydraulic Fracturing

On Tuesday, September 18th, SCAQMD hosted a symposium regarding hydraulic fracturing (or "fracking"), a method of extracting oil and gas from new and existing well sites by pumping water, sand, and chemicals into the earth. The symposium was held in response to concerns about the impacts of fracking on the region's environment.

Panelists gave an overview on the use of hydraulic fracturing, and discussed potential environmental impacts and current activities at the federal, state and local levels. An audience of 170 people heard from representatives from government, industry, academia and the environmental community.

The day-long symposium began with opening remarks from Dr. William A. Burke, SCAQMD Governing Board Chair. An overview of the hydraulic fracturing process and geological makeup of the Monterey shale formation followed. It was pointed out that new wells in California are generally for oil production and some associated gas production.

The morning sessions focused on understanding and addressing the impacts of hydraulic fracturing and impacts on the environment. Presentations touched on chemicals used in the process, seismic impacts, and air quality-related health impacts. Possible policy solutions were discussed at the afternoon roundtable which featured representatives from various stakeholder organizations.

Following the symposium, at its October 6th meeting, the SCAQMD Governing Board directed staff to initiate the development of a rule to report the chemicals used in the fracturing process as well as other provisions that will ensure that air emission impacts are minimized.

For more information, contact Henry Hogo at (909) 396-3184 or hhogo@aqmd.gov

Third Annual Women In Green Forum Fosters Powerful Alliances Between Top Environmental Leaders

Over 200 clean technology financiers, corporate executives, technology developers, academic researchers and other environmental leaders gathered for the 3rd Annual Women in Green Forum held in late August at the Sheraton Delfina in Santa Monica to discuss women's impact on the environmental industry. SCAQMD, a Platinum Sponsor of the event, was recognized with the Founder's Circle Award for its continued support of the Forum since it began.

The Forum boasted a diverse group of international attendees from as far away as Australia. It included participation from regulatory agencies involved in developing policies that will further the deployment of green technologies on our roads, in our homes and at our schools.

Additional information is available on the event website at www.womeningreenforum.com.

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



Annual **24th** Clean Air Awards



On October 12, 2012 the South Coast AQMD hosted its 24th Annual Clean Air Awards. The awards recognize individuals, organizations, and businesses that have made a significant contribution to cleaning the air that we breathe. Over 400 guests attended the ceremony held at the Millennium Biltmore Hotel in Downtown Los Angeles, which was hosted by CBS 2 and KCAL 9 Chief Meteorologist and Field Reporter Josh Rubenstein. Following are this year's winners.



S. Roy Wilson Memorial Award for Leadership in Government
U.S. Representative Jerry Lewis
Congressional District 41, Inland Empire

Congressman Jerry Lewis is retiring this year after serving 17 terms in Congress and a decade in the state Assembly.

While in the Assembly, he authored the legislation in 1977 that established the South Coast Air Quality Management District. That law made history in the regional coordination of air quality planning and enforcement, beginning a path for Southern California to make meaningful progress against smog. Congressman Lewis is credited with focusing on transportation emissions as the largest source of urban air pollution and one with the most cost-effective reductions available. As member and chair of the Appropriations Committee, he secured bi-partisan funding of key projects ranging from the Alameda Corridor, U.S. EPA's air pollutant monitoring program, and incentives for alternative fuel vehicles.



Robert M Zweig, M.D. Memorial Award

John R. Balmes, M.D.
Physician Member, California Air Resources Board

Dr. Balmes is a Professor of Medicine at the University of California, San Francisco where he is Chief of the

Division of Occupational and Environmental Medicine at San Francisco General Hospital, and Director of the Human Exposure Laboratory (HEL) of the Lung Biology Center. He leads the HEL's research on respiratory effects of ambient air pollutants, conducting controlled studies on acute effects. Dr. Balmes is also Professor of Environmental Health Sciences at the University of California, Berkeley where he directs the Center for Environmental Public Health Tracking. At UC Berkeley, he collaborates in epidemiological studies on the chronic effects of air pollutants, including the effects of ozone on persons with asthma, and respiratory effects of inhaled particulate matter.



Model Community Achievement Award
City of San Juan Capistrano
'Go Green SJC!' Program

The City of San Juan Capistrano, in southern Orange County, developed its 'Go Green SJC!' program as a multifaceted approach to hands-on waste reduction and pollution prevention efforts. Encompassing information and services at both the household and community levels, the program allows residents, community-based groups, businesses, schools and other institutions to understand how daily choices on everything from foodstuffs to energy can affect the larger community. For example, its Green Home Program sets out detailed, voluntary criteria for building or remodeling residences to become 'Green Certified,' by implementing such choices as recycled construction & demolition waste, solar panels, energy efficiency systems, and low-VOC paints.



City of Yucaipa
Community-wide Sustainability Planning

The City of Yucaipa in San Bernardino County has a population of 52,000 residents, which represents an increase of 25% over the past decade. Yucaipa's focus has been to construct 'backbone' infrastructure necessary to fulfill business-friendly standards and public wellness as the area continues to transition to suburban development. The city's impressive combination of commitment and results led to Yucaipa being named as a finalist in the 2011 National Civic League's All America City competition, recognizing exemplary grassroots community problem-solving through collaboration.



Innovative Transportation Projects Award

ICO Real Estate Group

Development and Sale of the First Privately Owned, Publicly Accessible DC Fast-Charger Station in the U.S.

Developer ICO Real Estate Group completed the first U.S. development and sale of a commercial property with a privately owned, publicly accessible electric vehicle fast-charge station. The Ree-Charge 'N Go 'non-gas station,' located on North Sierra Street in the City of San Bernardino, is home to retail lessees 7-Eleven and T-Mobile, and includes a multi-car recharging island with an Eaton Direct Current Quick Charger (top-off charge 10 minutes or under, 80% capacity charge under 30 minutes). Jian Torkan, ICO partner, notes that the charger station was seen as an environmental plus in local permitting of the fully-leased retail center.



South Bay Cities Council of Governments

Local Use Vehicle (LUV) Pilot Demonstration Project



The innovative Local Use Vehicle (LUV) project carried out by the South Bay Cities Council of Governments

(SBCCOG) entails a pilot fleet of 100% electric, zero-emission LUVs that are compact, short-range, and low-speed - - and showcases their usefulness for local trips around South Bay neighborhoods and shopping districts. This is the first 'neighborhood electric vehicle' demonstration made available to the general public, and the only such project in the U.S. to use GPS to track usage. The resulting data is publicly available to inform local policy and land use decisions, vehicle purchase decisions, and design issues of manufacturers.



Waste Management

Deployment of 1,000th Natural Gas Solid Waste Collection Vehicle

Over the past two decades, Waste Management (WM) has served as an alternative fuel pioneer, paving the

way toward a new era of low-emission public work operations as they serve more than 20 million residential, industrial, municipal, and commercial customers. During the past year, WM achieved a significant clean air milestone as they deployed the 1,000th natural gas truck in their heavy-duty fleet. In addition, they also constructed dozens of compressed natural gas (CNG) and liquefied natural gas (LNG) fueling stations. WM is also working on projects to produce renewable natural gas for its fleet from the solid waste that it collects.



Promotion of Good Environmental Stewardship Award

Enterprise Holdings

Commitment to Sustainable Transportation

Enterprise Holdings is the parent company of Enterprise Rent-A-Car, the largest rental car company in the United States. Recently, Enterprise has focused considerable effort on bringing rental electric vehicles (EVs) to Southern California, and now offers more than 50 rental EVs at 12 locations in greater Los Angeles, along with related charging infrastructure. Enterprise has also partnered with South Bay Cities Council of Governments and the City of Torrance in a local-use vehicle (LUV) pilot effort, offering EV owners a 15% discount on rental of a longer-range vehicle, along with free charging of their shorter-range battery EV.



Inland Empire Utilities Agency (IEUA)

Portfolio of Sustainable Practices



The Inland Empire Utilities Agency (IEUA) is a municipal water district serving seven cities in western San Bernardino County, which supplies imported and recycled water, and collects, treats, and

disposes of wastewater. IEUA has shown leadership performing these services in a sustainable manner. Components of IEUA's portfolio of sustainable practices include the startup of the first utility-scale wind turbine on-site at a major facility in San Bernardino County, and startup of the world's largest fuel cell operating on digester gas, used for wastewater treatment processes.



Public Education on Air Quality Issues Award

Maroon 5

Educating Fans on Environmental Issues

Maroon 5 is an award-winning pop rock band based in Los Angeles, whose members share a strong interest in environmental causes. Featuring lead vocalist Adam Levine, lead guitarist James Valentine, bass guitarist Mickey Madden, and drummer Matt Flynn, the band is an active member of the Green Music Group (sponsored by the non-profit organization Reverb), a large-scale coalition of music professionals and fans who seek to join their collective energies to stimulate positive environmental progress. On national and international music tours Maroon 5 includes such 'greening' elements as 'eco-village' environmental displays and fan-engagement activities, carbon offset opportunities, Jumbotron eco-slideshows, and eco-friendly event management.

RULE UPDATE

The following proposed amended rules and regulations are tentatively scheduled for hearings at upcoming SCAQMD Governing Board meetings. To verify whether scheduling changes have occurred, visit the SCAQMD website at 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 or provided by AQMD's Public Information Center, (909) 396-2039.

December

There are no rule updates scheduled at this time for the December 2012 SCAQMD Governing Board meeting.

Hollywood Celebrities Promote Tips for Clean Air Living



A new SCAQMD-produced video features noted film and TV stars explaining how residents can help clean the air. "Tips on Clean Air Living," includes interviews with ten celebrities presenting simple steps that individuals can take at home and on the road to help improve air quality.

"Southland residents can play a vital role helping to reduce air pollution," said William Burke, Ed.D., SCAQMD Governing Board Chairman. "We are going to need all 16 million residents to do their part in reducing emissions to reach our goal of clean air."

The eight-minute video, available for viewing at www.cleanairchoices.org, premiered Oct. 12, at AQMD's 24th annual Clean Air Awards at the Millennium Biltmore Hotel in Los Angeles.

The video features Law and Order's Elisabeth Röhm introducing the video, and follows with tips from Wendie Malick of TV's *Hot in Cleveland*; Ed Begley Jr., known for his roles in the TV series *St. Elsewhere*, *Arrested Development*, and *Six Feet Under*; Sharon Lawrence and Esai Manuel Morales, both of TV's *NYPD Blue*; Paul Reiser from the TV sitcom *Mad About You*; Daphne Zuniga, who appeared in TV's *Melrose Place* and *One*

Tree Hill; *Baywatch* star and electric vehicle activist Alexandra Paul; Jamie Durie of HGTV's *The Outdoor Room* and PBS's *The Victory Garden*, and Donna Mills, famous for her role in the TV series *Knots Landing* (joined by her daughter Chloe Mills, president of the Green Youth Movement organization).

In the video, the celebrities offer a variety of clean air tips such as how planting trees can shade a home and reduce cooling costs, the health impacts of smoke from wildfires, the benefits of using house paints that contain no or very low amounts of smog-forming volatile organic compounds, and how purchasing a low-emitting, fuel-efficient vehicle can save money on fuel and help clean the air.

The tips also promote SCAQMD programs such as the Healthy Hearths program, Clean Air Connections (at cleanairconnections.org), and the annual lawn mower exchange. More information on clean air tips including consumer rebate programs is available at www.cleanairchoices.org.

For more information, contact Lourdes Cordora-Martinez at (909) 396-3214 or lcmartinez@aqmd.gov

SCAQMD Approves TV Partnership

In an effort to continue to build awareness across the Southland about air quality and what individuals can do to improve it, SCAQMD's Governing Board approved a year-long partnership with KABC-TV Channel 7, as the highest-ranked proposer to an open bid solicitation.

As SCAQMD's media partner, KABC will include daily air quality forecasts during its morning news weathercasts, air advertising spots featuring air quality messages relevant to the season (e.g., promoting the Check Before You Burn program during the winter months), and highlight air quality on its web site through online banner ads and links.



Partnering with KABC will help SCAQMD reach tens of thousands of Southland residents on a daily basis.

In addition, a year-round TV partnership will provide significantly greater value to SCAQMD's outreach efforts than a traditional TV advertising campaign.

For more information, contact Sam Atwood at (909) 396-3687 or Satwood@aqmd.gov

Clean Air PEOPLE

Meet the diversely talented staff at the SCAQMD

One of the first sights that greets visitors at SCAQMD's Diamond Bar headquarters is a display that depicts the building and its innovative technologies. SCAQMD's Climate Change Supervisor, Aaron Katzenstein, came up with the concept and even climbed up a nearby hill to help get just the right photo of the building.

Aaron's childhood years in Riverside brought an early awareness of air pollution issues. He benefited from a family of public-service minded individuals who also introduced Aaron to science at an early age. He was encouraged to tinker with cars and model rockets and conducted "still-classified" pyrotechnic experiments with

Legos.

Aaron lives in Riverside with wife Stacy, their two children, Sydney, 5, and Scott, 7 months, and two Labrador Retrievers. Their family home features solar panels on the roof and a Volt in the garage. He marvels at the fact that he hasn't used any gas in his Volt for more than 5 weeks.

Aaron earned a BS in Chemistry and Physics from the University of Redlands, and a Masters in Chemistry and PhD in Atmospheric Chemistry from UC Irvine, where he studied with world-renowned researchers Sherwood Rowland and Don Blake. He joined SCAQMD in 2003 as an Air Quality Chemist. His



Aaron Katzenstein

SCAQMD
Advisor

current responsibilities focus on regulations and policies regarding AB 32 (California's Climate Change law). His projects have included the Chairman's Tree-Planting Initiative (10,000 trees), SCAQMD's Energy Policy and the Energy & Climate chapter of the 2012 Air Quality Management Plan (AQMP).

Aaron enjoys the diversity of SCAQMD staff and working for a "cutting edge agency." He looks forward to the day that technology advancements will improve the air quality to the point where he "will need to find something else to do."



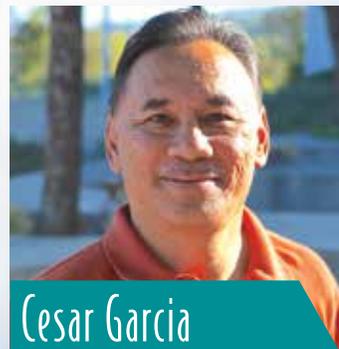
Farah Milner

Farah Milner joined SCAQMD in 1987 as an Assistant Air Quality Engineer in the Engineering & Compliance department and was promoted over time to her current position as an Air Quality Engineer II. She writes and processes permits for a variety of sources. The most satisfying part of her job is helping small business owners understand the required permitting process.

She previously worked as a chemical engineer at several large companies. At one, Kelco, a subsidiary of Merck, she made materials from kelp (seaweed) to be used in various products, including ice cream. However, after working in these jobs she decided to pursue a different goal in life, saying "I used to pollute the air, but now I clean the air."

Born and raised in Tehran, Iran as an only child, Farah moved to North Carolina in the seventies to attend East Carolina University. She soon transferred to Georgia Tech in Atlanta, GA where she earned her Bachelor of Science degree in Chemical Engineering and learned to love southern food. After moving to California, though, she discovered the fresh healthy produce that she enjoys searching for at local farmers' markets.

Farah lives in Century City with her husband, William, also an Air Quality Engineer II at SCAQMD. Their neighborhood occasionally serves as a Hollywood setting, as a home across the street is used as a location for the show 'Modern Family.' Their daughter, Natasha, is currently in her final year at UC Berkeley. This past year, Farah and her husband traveled to Dublin, Ireland to visit Natasha who was there studying at Trinity College. Farah and her husband had a wonderful time traveling all over Ireland eating the hearty food, trying the flavorful beers and enjoying the company of the Irish people.



Cesar Garcia

Cesar Garcia, Air Quality Chemist, has worked in the SCAQMD laboratory for the past 25 years. His work focuses on microscopy, identifying small particles from fallout and analyzing asbestos samples. Cesar previously worked in the private sector on

products and packaging formulation and quality control.

Originally from the Philippines, Cesar grew up in East Los Angeles and over the years has lived in Monterey Park and Hacienda Heights before finally settling in Chino Hills 20 years ago. A committed family man, Cesar and his wife of 18 years, Janet, have two daughters: 16 year old Claire and 8 year old Anne. Interestingly, all four members of the Garcia family are Scorpios. When asked if this resulted in internal conflicts Cesar joked, "A den of Scorpios is fine; it's when people from outside come in, that there is trouble."

Once it became clear that the Garcia daughters possessed natural singing talent, Cesar and Janet encouraged this gift with singing lessons. Claire and Anne often perform solos at local church festivals. Claire even auditioned for the third season of The Voice, a popular singing competition show. She made it as far as the call back audition.

Cesar enjoys growing Bonsai trees and building model airplanes and starships. His latest project is a scale model of his home, which includes recessed lighting. The model will help him decide if he would like to make an addition to his home.



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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 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/comply/Training_Info/Class_403.html

To register call toll free 1-866-861-DUST (3878) or e-mail: 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 Headquarters. (Room CC-6) Check-in time is from 8:00 a.m. Pre-registration is required for this training. The class fee is \$142.38 per person. Class and registration forms and information are available at www.aqmd.gov/comply/Training_Info/Class_461_self.html

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 Headquarters. (Room CC-6) Check-in time is from 8:00 a.m. Pre-registration is required for this training. The class fee is \$148.14 per person. Class and registration forms and information are available under http://www.aqmd.gov/comply/Training_Info/Class_461_testers.html

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 Headquarters (Room CC6). Check-in is from 8:00 a.m to 8:30 am. Pre-registration is required for this training. The class fee is \$152.83 per person. Class registration and forms are available at www.aqmd.gov/comply/Training_Info/Class_461_periodic.html

To register for any Rule 461-Gasoline Transfer and Dispensing Compliance Assistance Classes, call

(909) 396-3178 or email at cponce@aqmd.gov

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/comply/Training_Info/Class_463.html

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

Rule 1176 - Sumps & Wastewater Separator Inspector Certification Class

- December 6

Classes are held at the SCAQMD (Room CC-6). Registration fee is \$55.65 per person and pre-registration is required. 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/comply/Training_Info/Class_1176.html

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

Rule 1403 – Asbestos Emissions from Demolition/Renovation Activities Class

- November 14
- December 12

Classes are held from 8:00 a.m. – 1:00 p.m. at SCAQMD Headquarters. Registration fee is \$75.68 per person and pre-registration is required. Class and registration information is available at www.aqmd.gov/comply/Training_Info/Class_1403.html

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

Rule 2202 – Employee Transportation Coordinator Training

- November 8, Hilton Orange County/Costa Meda, 3050 Bristol Street, 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 at www.aqmd.gov/trans/training.html

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

SCAQMD Advisor

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