

## SCAQMD CHAIRMAN BURKE ANNOUNCES "HELPING HAND" INITIATIVE

**O**n Jan. 9, South Coast Air Quality Management District (SCAQMD) Chairman William Burke announced the "Helping Hand" initiative to further support the local economy during the current recession while keeping the region on a clear path toward clean air. At its February meeting, the SCAQMD Governing Board approved a detailed workplan for implementing the initiative in 2009.

"Just as we have in past downturns, we will work through this one in collaboration with all of our stakeholders," said Burke. "Together we will continue to protect both health and jobs."

The initiative has four main elements:

- Providing additional customer-service options to air quality permit holders, including:
  - a one-year extension on existing permits to mitigate potential financing delays;
  - allowing quarterly purchase of emission trading credits to reduce compliance costs without sacrificing emission reductions;

- operating permit assistance centers one Saturday per month; and
- offering more web-based training on permitting processes for small businesses.
- Sponsoring a conference to bring together clean technology developers and funding providers to lower market barriers for new, low-emission technologies;
- Sponsoring green job training initiatives in partnership with local community colleges and other providers to ensure that new technologies are properly installed and maintained; and
- Creating a partnership/matching fund with local cities and counties to explore additional tree planting opportunities while also providing clean air co-benefits. It will also enable mechanisms for student participation.

For more information, contact Anupom Ganguli at (909)396-3185 or [aganguli@aqmd.gov](mailto:aganguli@aqmd.gov).

## Faster Freight – Cleaner Air Conference Coming to Long Beach

**F**aster Freight - Cleaner Air (FFCA) is the premier conference series in North America showcasing the latest developments in improving goods movement and reducing air pollution. This year's conference at the Long Beach Convention Center, March 23-25, 2009, will explore options for clean energy and discuss ways to combat climate change with innovative clean air technologies. Topics include how to achieve

California's goals of reducing greenhouse gases, enhancing infrastructure, and creating green collar jobs.

The three-day event will feature general sessions covering hot topics on meeting the climate change challenge, technologies and strategies to promote energy efficiency and air quality, and successful industry case studies. There will be sessions on the latest California and national clean truck programs highlighting

sources of funding for green growth and clean air. There will also be a trade show and off-site tours of the San Pedro Bay Ports.

To register, go to [www.ffcacalifornia.com](http://www.ffcacalifornia.com) or call 1-800-993-0302.

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

Cleaning the air  
that we breathe...



# New Study Finds ...Cleaner Air Increases Life Expectancy

**A** New England Journal of Medicine study released in January found that reducing fine particulate pollution results in significant and measurable improvements in human health and life expectancy. The Los Angeles area was one of 211 counties and 51 metropolitan areas analyzed in the United States. Researchers from Brigham Young University and Harvard University examined data collected in 1980 and 2000. They compared reductions in particulate levels and increases in life expectancy. They concluded that for every decrease of 10 micrograms per cubic meter of particulate pollution in a city, average life span increases by more than seven months.

Fine particulates are smaller than 2.5 microns in diameter. Fine particulates have been repeatedly shown to cause cardiovascular and respiratory disease because the small size allows them to burrow deep into the lungs. Typical sources of fine particulates include cars, trucks, locomotives, ships and aircraft.

In spite of the dramatic growth in population and increase in vehicle miles traveled, the SCAQMD and its predecessor agencies have made significant progress in cleaning the region's air over the decades. However, the South Coast Basin still far exceeds the federal health protective standards for fine particulate matter (PM 2.5).

*For more information, contact Jean Ospital at (909) 396-2582 or [jospital@aqmd.gov](mailto:jospital@aqmd.gov).*

## Court-Ordered Moratorium on Permits for New Projects

**D**ue to a recent court decision, SCAQMD is now required to make significant changes to its New Source Review permitting program. The court invalidated the SCAQMD rule specifying how the agency accounts for and calculates the amount of emission reductions available to fund the Priority Reserve and offset exemptions. Because of this decision, the SCAQMD cannot at this time issue Permits to Construct that rely on credits from Rule 1309.1 Priority Reserve, or that rely on a Rule 1304 offset exemption. This situation will exist until the SCAQMD adopts a new rule or program that addresses the court decision.

Under federal and state law, SCAQMD can issue permits for new, replaced, relocated or modified equipment only if emission increases are "offset" by emission reductions from other equipment. Emission offsets are generally provided by the permit applicant in the form of Emission Reduction Credits (ERCs).

SCAQMD hosted a meeting on January 21 to discuss issues such as availability of pollution credits and recent litigation that have impacted businesses in the Basin. The purpose of the meeting was to seek innovative ideas and to establish a working group and process for subsequent meetings. More

than 200 people attended and several voiced concerns regarding the availability of emission credits and potential adverse impacts on businesses and essential public services. A new working group has been approved by SCAQMD's Administrative Committee that will develop solutions to these issues.

The following meetings are scheduled at SCAQMD Headquarters in Diamond Bar:

**Wednesday, March 11**  
1:00 PM – 3:00 PM

**Thursday, April 16**  
1:00 PM – 3:00 PM

**Thursday, May 21**  
1:00 PM – 3:00 PM

Subsequent meetings are planned through December.

*For more information, contact Mohsen Nazemi, at (909) 396-3447 or [permitmoratorium@aqmd.gov](mailto:permitmoratorium@aqmd.gov).*

# 21<sup>st</sup> Annual Clean Air Awards Nominations

**N**ominations are open for the 21st Annual Clean Air Awards. SCAQMD encourages everyone to submit nominations to recognize those who have made significant contributions to improve air quality in the South Coast Air Basin through innovation, leadership and personal environmental commitment. Individuals, businesses large and small, cities, educational institutions, non-profit organizations and community groups that have taken are among those eligible. The Clean Air Award winners will be honored this fall.

Nominations may be made by an individual or organization, and must be postmarked by Friday, June 26, 2009.

The Clean Air Awards categories:

**Advancement of Air Pollution Control Technology**  
**Innovative Transportation Projects**  
**Model Community Achievement**  
**Public Education on Air Quality Issues**  
**Promotion of Good Environmental Stewardship**

The nomination form will be available on the SCAQMD web site at [www.aqmd.gov](http://www.aqmd.gov).

For more information, contact Debra Reed at (909) 396-3199 or [dreed@aqmd.gov](mailto:dreed@aqmd.gov).

## U.S. Environmental Protection Agency (EPA) Directed to Reconsider Emissions Waiver

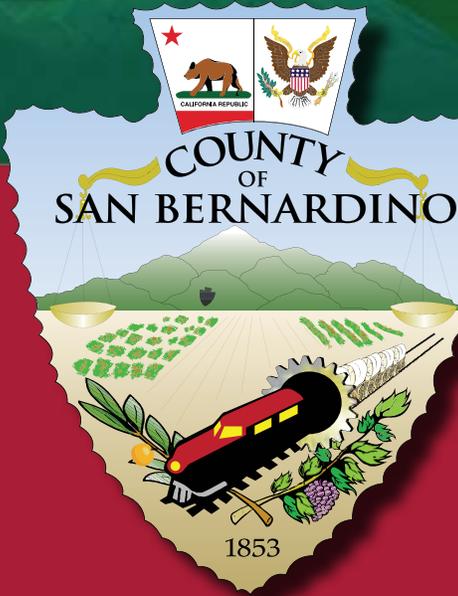
**O**n January 26, a Presidential Memorandum was sent to the Environmental Protection Agency (EPA) directing the agency to reconsider a decision that stopped California from setting its own greenhouse gas emissions limits for vehicles.

Under the federal Clean Air Act, EPA sets emissions standards for new motor vehicles. If the EPA Administrator approves a waiver, California may also adopt standards for new motor vehicles. For decades, EPA has granted waivers to California. In March of last year, EPA denied California's application for a waiver permitting the State to adopt limitations on greenhouse gas emissions from motor vehicles.

If the waiver is approved, California and other states could require automakers to increase fuel efficiency far above current limits. Since cars are estimated to be responsible for approximately 25% of greenhouse gas emissions, this waiver is an important action to address global warming challenges.

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

## Josie Gonzales



**S**an Bernardino County Supervisor Josie Gonzales has been appointed to replace Supervisor Gary Ovitt as the San Bernardino County representative on the SCAQMD Governing Board. Supervisor Ovitt recently took over the duties of Chairman of the Board of Supervisors.

Supervisor Gonzales is a long-time resident of San Bernardino County and knows the harmful quality of air the residents of the region must work and live in. She currently serves on 14 Boards and Commissions and is the Chair of the Children and Families Commission for the County, as well as the Arrowhead Regional Medical Center's Joint Conference Committee. Supervisor Gonzales is a member of the San Bernardino County Homeless Coalition and the Inland Valley Development Agency.

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# Clean Air Choices 2009

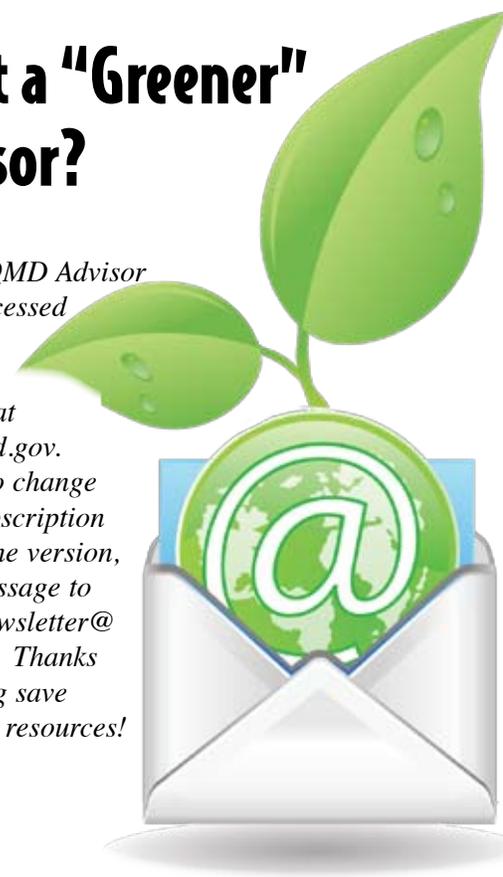
**C**lean Air Choices is a program, sponsored by the South Coast Air Quality Management District, that provides information to help you make personal transportation decisions that benefit the environment and improve air quality. Check out the low-emission vehicles for model years 2009 at [www.cleanairchoices.org](http://www.cleanairchoices.org) to help you identify clean air cars in the dealer showroom. From full-size passenger cars to SUVs, you'll be amazed at the popular styles and selection of clean air vehicles.



For more information, contact Tina Cherry at (909) 396-3233 or [TCherry@aqmd.gov](mailto:TCherry@aqmd.gov).

# Want a "Greener" Advisor?

*The SCAQMD Advisor can be accessed online or via the list-serve at [www.aqmd.gov](http://www.aqmd.gov). In order to change a mail subscription to an online version, send a message to [Advisornewsletter@aqmd.gov](mailto:Advisornewsletter@aqmd.gov). Thanks for helping save paper and resources!*



# Registration for Lawn Mower Exchange Program

**R**egistration for the 2009 Lawn Mower Exchange Program begins April 22, 2009. This program allows residents living within SCAQMD's 4-county jurisdiction to turn in their working gas-powered lawn mower and purchase a new cordless rechargeable electric mower at a greatly reduced price. Three models will be available this year, beginning at \$100.

Exchange events will be held at sites in Los Angeles, Orange, Riverside and San Bernardino counties. To participate, residents must pre-register for one of the events. The fastest, easiest way to register is over the internet by going to [www.aqmd.gov](http://www.aqmd.gov) and clicking on the flashing banner announcing the lawn mower program. You can also register

Neuton 14"	Neuton 19"	Black and Decker 19"
		
24 volt battery \$100	36 volt battery \$160	24 volt battery \$160

by phone during SCAQMD's working hours (Tuesday through Friday, 7 am to 5:30 pm) by calling the toll-free number (888) 425-6247.

*For information, or to make a reservation, go to [www.aqmd.gov](http://www.aqmd.gov), or call the toll-free Lawn Mower Exchange Hotline at (888) 425-6247.*

# Funds Available for Clean-up of Heavy-Duty Diesel Engines



**T**he SCAQMD has announced that \$15 million in Carl Moyer Program

funding is available to help businesses and public agencies clean up their heavy-duty diesel engines more than what is required by air pollution regulations. The Carl Moyer Program, named in honor of a key figure in developing state air quality measures, provides monetary grants that cover some or all of the cost difference between purchasing a



newer, cleaner engine/vehicle, and repowering the existing engine.

The Moyer funds can be used for a variety of heavy-duty diesel equipment including trucks, buses, harbor craft, construction equipment, locomotives, agricultural engines, forklifts, and airport ground support equipment.



Additional Moyer funding is available specifically for large fleets of construction equipment and other off-road diesel vehicles under what is called the Surplus Off-Road Opt-In for NOx (SOON) Program. Fleets

over 20,000 hp are required to apply for SOON funding. Smaller fleets may voluntarily apply.

The application deadline for both of these funding opportunities is May 1, 2009 at 1 p.m. Application forms and additional information can be found on the SCAQMD web page at [www.aqmd.gov](http://www.aqmd.gov) by clicking on the flashing banner in the middle of the page.

*For more information, contact Vasken Yardemian at (909) 396-3296 or [vyardemian@aqmd.gov](mailto:vyardemian@aqmd.gov).*



## World's First Hybrid Tugboat Arrives

**O**n January 23, 2009, the Port of Long Beach welcomed the world's first environmentally friendly, diesel-electric hybrid tugboat, a vessel custom-built by Foss Maritime of Seattle to help ports clean the air.

The new green-and-white tug, named the Carolyn Dorothy, is able to provide the enormous power it needs to assist huge container ships around the harbor and has the capacity to switch to low-emission mode when cruising. It will help the ports achieve their clean-air goals with 44 percent less pollution than a traditional tugboat. The tug can do the same work as a traditional tug -- assisting huge freight ships move safely in and out of the harbor -- but with less pollution. Additional benefits of the technology include noise reduction, improved fuel economy, and lower maintenance costs. The hybrid technology can also be used to convert existing tugs to hybrid vessels.

The hybrid tugboat's funding partners included the California Air Resources Board, the South Coast Air Quality Management District, and the Ports of Long Beach and Los Angeles.

Under an agreement with the ports of Long Beach and Los Angeles, the tugboat will undergo six months of tests and evaluation of the vessel's operational and environmental performance. After that, the tug will be operated in both ports for at least another five years.

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



# RULE UPDATE

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](http://www.aqmd.gov/hb/gb_cal95.html) and check the Rule and Control Measure item on the Governing Board meeting agenda or call the Clerk of the Board's Office at (909) 396-2500. Copies of SCAQMD rules and regulations can be downloaded from the Web site at [www.aqmd.gov/rules/rules.html](http://www.aqmd.gov/rules/rules.html) or provided by SCAQMD's Public Information Center, (909) 396-2039.

## April

### Regulation X-National Emission Standards for Hazardous Air Pollutants

U.S. EPA has authorized local air districts to directly implement federal standards set in 40 Code of Federal Regulations (CFR) Part 60, Standards of Performance for New Stationary Sources (NSPS), and Part 61, National Emission Standards for Hazardous Air Pollutants (NESHAP). Periodic amendments to Regulations IX and X incorporate new or amended standards by reference that were approved during the prior calendar year.

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

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

The proposed rule implements 2007 AQMP Control Measure MCS-08 by requiring stationary sources that have a potential to emit 10 tons per year or more of VOC or NOx to pay annual emission fees of \$5000 (1990 dollars adjusted for inflation) per ton of VOC in excess of 80 percent of the source's 2010 emissions beginning in 2011.

For more information, contact Henry Pourzand at (909) 396-2414 or [hpourzand@aquad.gov](mailto:hpourzand@aquad.gov).

## May

### Rule 1155 - Particulate Matter Control Devices

Proposed Rule 1155 will seek to reduce directly emitted PM emissions from various source categories through a variety of requirements, including but not limited to performance (particulate matter and opacity) standards, use of certified filtration devices, monitoring equipment, mandatory operation and maintenance plans to maintain optimum efficiency, and other control/operational options.

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

### Reg. III - Fees

Amend fee rules in accordance with FY 2009-10 SCAQMD Budget.

For more information, contact Laki Tisopulos (909)396-3123 or [LTisopulos@aquad.gov](mailto:LTisopulos@aquad.gov).

# Recent Event

## Town Hall Meeting

A Town Hall meeting was held on January 29, 2009 in the community of East Los Angeles. The meeting served to provide area residents with updated information on local air quality issues. Over 400 people attended the meeting, which was attended by SCAQMD Governing Board members Jan Perry and Dr. Joseph Lyou. Fr. John Moretta from Resurrection Church welcomed the attendees on behalf of the host location. Many of the attendees requested updated information on the status of a proposed power plant in the neighboring city of Vernon. SCAQMD staff provided attendees with information on the current moratorium on issuance of certain air permits. Attendees were also advised that the SCAQMD's Governing Board has decided not to readopt the amendments to SCAQMD Rule 1309.1 Priority Reserve allowing power plants to access credits from the Priority Reserve.

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



# Upcoming Events

SCAQMD is participating in the following community environmental events:

- March 14** Los Angeles Environmental Education Fair, Arcadia
- March 21** Kids Fitness Challenge, Fontana
- March 26-29** Redlands Bicycle Classic, Redlands
- April 17** Seal Beach Naval Weapons Station Earth Day, Seal Beach
- April 18** Santa Clarita Earth Day Festival & 20th Annual Arbor Day Celebration, Santa Clarita
- April 22** Earth Night in the Garden, Riverside

**Other events to be announced.**

For more information, contact William Sanchez at (909) 396-3203.

# Clean Air PEOPLE

Meet the diversely talented people who work at the SCAQMD

**A** keen interest in the field of air pollution started Marty Kay's career, and sustained him on the job for 35 years. Marty started with the Orange County Air Pollution Control District (OCAPCD) back in 1974. He was one of five engineers, who did both permitting and planning functions for the District. His interest in air pollution came as a result of a class taught by Professor Scott Samuelsen at the University of California, Irvine (UCI).

Marty received both his Bachelor of Physics and his Masters in Civil and Environmental Engineering at UCI. As a UCI Teaching Assistant, he taught former SCAQMD employees Bill Bope, Ed Camarena and Ora Wells, which led to his first job at

OCAPCD, offered by Mr. Camarena.

Marty is currently a Program Supervisor of the Best Available Control Technology Program (BACT) in the Technology Advancement Office. He also worked for many years in Engineering and in Planning and Rules.

Happily married for 34 years to wife Susanna, they have two adult children Byron and Sabrina. Marty and Susanna both enjoy camping, skiing, scuba diving, and traveling. Marty is still very involved in refereeing soccer games for children up through high school. He has been a referee for sixteen years and is still going strong.

Marty commented that "my most



Marty Kay

AQMD  
Advisor

immediate retirement plans are to sleep past the alarm, take care of the list of house projects, reading, and then if I get bored, I might consider some part time work." He also explained that when he first started his job in air pollution control, Stage II ozone episodes were common in Orange County, and now Orange County is in compliance with the current Federal ozone standard. He is very pleased to see that much accomplished, and according to Marty "I plan to be around to watch it get even better."

**A**s Philip Crabbe III will tell you, "Coming to the SCAQMD was a natural fit for me with my legislative and legal background and passion for the environment." Philip started at the SCAQMD as a provisional Senior Public Information Specialist in Public Affairs in October 2007, working on legislative issues and public relations. In June 2008 he became a permanent employee and was promoted to Community Relations Manager in October 2008.



Philip Crabbe III

Currently, Philip manages staff within the Administrative & Small Business Assistance Unit. This includes overseeing efforts to help small businesses and to engage the public through the Clean Air Congress. He also works on federal and state legislative issues, including those involving climate change and marine vessel emission reduction.

Philip is originally from the Bay Area and received a Bachelor of Arts degree in Sociocultural Anthropology from UCLA in 1995, where he met his wife. After college, he was selected as an Executive Fellow and moved to Sacramento to work for a state agency. Philip later worked as a legislative aide in the California State Assembly for Majority Leader Antonio Villaraigosa, and as a legislative consultant for the Assembly Transportation Committee. Philip returned to Los Angeles to attend USC Law School and received his law degree in 2001. He then worked as a civil litigation attorney for about six years.

His passion for policy, politics and the environment motivated him to take advantage of the opportunity to work for the SCAQMD. "I really enjoy working here at the agency and I appreciate the opportunity to do meaningful work that helps the environment and improves the health of the people in our region."

A great sports enthusiast, Philip especially enjoys watching basketball and football, and plays in two basketball leagues during his free time. He likes to watch movies and enjoys traveling to places such as Hawaii, Mexico and Europe, with Paris and Barcelona being two of his favorite places.

**N**ear swaying palm trees and the sound of the crashing ocean waves, Marilyn Kwan was born on Oahu, Hawaii. Marilyn started at the SCAQMD on May 12, 1981 as an Office Assistant in Records. She has since progressed to Accounting in Finance as a Payroll Technician. She helps to process all employees' payroll.

Before the SCAQMD, Marilyn worked ten years at Los Angeles City Hall in Human Resources. She changed jobs because she wanted a job closer to home. She saw the ad in the newspaper for the SCAQMD, and that is why she is here today.

Marilyn has four children, three sons and one daughter. All of the children still live in Southern California. Unusual is that two of the children have the same birthdays, just eight years apart. And two of the kids were born in the same year, one in January and one in December.

Marilyn was adopted at five years of age, and her birth family numbered 21. Now that's a lot of siblings. After living her youth in Hawaii, she learned to swim in a pool as an adult in California.

Marilyn has several unique interests. She loves turtles and has had a Button turtle for many years, since it was a baby. Secondly, she loves to collect Snow White memorabilia. In fact, she says it has practically taken over her house, and she discourages any well wishers who want to add to her collection.

Free time often takes Marilyn and her husband to the casinos. Yes, it's the lights, the sound, and the action of the one-armed bandit. They especially like to go down to the Temecula area, and she commented that "the city of Temecula has really come into its own. It was once just a small town, way out in the boonies, but now the vineyards and Casino have really made this town stretch – in a very nice way."



Marilyn Kwan



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Air Quality Management District  
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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 Diamond Bar headquarters from 8:30 a.m. to 11:30 a.m. There is no fee, but pre-registration is required.

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

### Rule 2202-Employee Transportation Coordinator Training

- March 12, SCAQMD's Diamond Bar Headquarters
- March 19, UCI, Irvine, University Club
- April 9, SCAQMD's Diamond Bar Headquarters
- April 15, Metro Headquarters, Los Angeles
- April 30, California Tower, Riverside

Classes are held from 8:00 a.m. to 5:00 p.m. Registration fee is \$61.70 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](http://www.aqmd.gov) under Business/Transportation/Rule 2202 Training.

To register, call (909) 396-2777 or email [etctraining@aqmd.gov](mailto: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 Diamond Bar Headquarters. Registration fee is \$32.75 per person and pre-registration is required.

Class dates:

- March 18
- April 15
- May 13
- June 17

To register, call (909) 396-2053 or email [jmoore@aqmd.gov](mailto:jmoore@aqmd.gov).

## SCAQMD Advisor

This bimonthly news publication is produced by the South Coast Air Quality Management District's (SCAQMD) 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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