



South Coast  
AQMD

**SCAQMD**

*Cleaning  
the air  
that we  
breathe...*

# ADVISOR

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## SCAQMD Petitioning Feds to Tighten Emission Standard for Big Rig Truck Engines

**T**he SCAQMD Governing Board voted on March 4 to formally petition the federal government to adopt tougher emission standards for engines of large trucks to help the region meet federal clean air goals.

“Heavy-duty trucks are the number one source of smog-forming emissions in our region,” said William A. Burke, Ed.D., SCAQMD Chairman. “We must have tougher nationwide standards for truck emissions in order to achieve federally mandated clean air goals.”

The petition to the U.S. Environmental Protection Agency (U.S. EPA) will request the agency to adopt an “ultra-low NO<sub>x</sub>” emission standard for heavy-duty truck engines that is up to ten times more stringent than the current standard. NO<sub>x</sub>, or nitrogen oxides are a group of pollutants critical to the formation of smog (or ground level ozone). The California Air Resources Board (CARB) plans to adopt such a standard for trucks sold in California; however, most trucks operating in the state are purchased outside of California and therefore are not subject to the state’s emission standards.

Without a nationwide ultra-low NO<sub>x</sub> emission standard, California will not be able to meet the 2023 deadline for achieving the federally mandated 8-hour ozone standard, which was adopted in 1997 and set at 80 parts per billion. Nor will the region be able to meet the 2031 deadline for the 8-hour ozone standard that was adopted in 2008 and lowered to 75 parts per billion.

During the past three years, SCAQMD has led the effort to develop an ultra-low NO<sub>x</sub> emission compressed natural gas engine for refuse-hauling trucks. The 8.9 liter engine, produced by Cummins Westport Inc., was recently certified by CARB and is expected to be commercially available mid-year 2016. SCAQMD is now working with Cummins Westport and other partners to develop a larger ultra-low NO<sub>x</sub> emission engine for goods movement trucks.

“The technology for these reductions is available,” Burke said. “The federal government needs to step up and require ultra-low NO<sub>x</sub> emission standards for all new trucks nationwide.”

Achieving these federal ozone standards will require about 50 percent further reduction of smog-forming NO<sub>x</sub> in the region, beyond all current regulations by 2023, and about 15 percent beyond that by 2031. If California adopts an ultra-low NO<sub>x</sub> emission standard for heavy-duty trucks but U.S. EPA fails to do so, 14 years after such a standard is adopted NO<sub>x</sub> emissions from trucks will decline only by about 30 percent. If CARB and U.S. EPA both adopt the standard, truck emissions in the state will decline approximately 70 percent during the same time frame.



## Workshop for Dry Cleaners Demonstrates Non-Polluting Process

**W**orkshop attendees recently saw firsthand effective wet cleaning techniques and received valuable information about grant monies available to purchase professional wet cleaning and CO2 machines and equipment.

The free workshop, hosted with the California Air Resources Board, was held at Golden Hanger Cleaners in Upland. It focused on helping dry cleaners switch from cleaning methods that use toxic perchloroethylene (perc). The use of perc in dry cleaning facilities is being phased out by December 31, 2020 in the South Coast region per SCAQMD Rule 1421.

Dry cleaners may be eligible to receive up to \$20,000 in SCAQMD grants to help pay for new cleaner equipment that satisfies Rule 1421 and eliminates the need for a permit. Funds are available on a first-come, first-served basis. SCAQMD plans to hold future demonstration workshops with the next one to occur sometime this summer.

*For application forms, information about the grant program, and information on future workshops, please call the Small Business Assistance Office at 800-388-2121 or 909-396-3529 or email [smallbizassistance@aqmd.gov](mailto:smallbizassistance@aqmd.gov).*



**Golden Hanger Cleaners owner Chong Taek Kim demonstrates wet cleaning at a workshop for dry cleaners in Upland.**

## California Drought Affecting Regional Air Quality in Different Ways

**D**espite several storms in recent months, the state is still in a drought which is now in its fifth year. The drought not only reduces the availability of our water resources, it also impacts our region's air quality.

The combination of a decreasing water supply and an increase in dry, stagnant weather conditions has given rise to more bad air days within the South Coast Basin, especially in the Riverside and San Bernardino counties. The stagnant conditions trap fine particulates (PM2.5) close to the ground, creating pollution levels that exceed federal health standards more frequently throughout the winter months.

Such weather played a role in increasing fine particulate levels just as the Southland was about to achieve the federal health standards for PM2.5. To help reduce the pollution, SCAQMD and other air districts across the state have issued a record number of no-burn alerts over the past several years to prevent residential wood burning on days when elevated concentrations of PM2.5 are expected.

The drought conditions that have persisted in Southern California and the southwestern United States in the past few years have negatively affected air quality in many ways.

For instance, the lack of rain leads to drier ground surfaces and less crusting of soil and road surfaces, causing vehicles to kick up more fugitive dust on roads and winds to blow loose soils. Fugitive dust can boost concentrations of both coarse and fine particulates. The ongoing drought conditions have caused a reduction of the natural air pollution cleansing effect from precipitation due to washout – particulate matter captured and removed by raindrops.

The reduced frequency of storms also translates to fewer days of enhanced pollution dispersion. Without such dispersion, there is less mixing of the atmosphere and storm-related winds to dilute and transport the pollution away from the region. The lack of windy, unstable weather conditions during storms results in longer episodes of stagnant air when particulate pollution builds to unhealthy levels. The dry conditions have

also contributed to increased frequency and intensity of wildfires across the state, as well as the rapid speed at which the fires spread and grow. A small spark or ember can ignite trees that are very dry, and the fire can quickly engulf an entire forest. And with more wildfires comes more wood smoke containing PM2.5. Clearing away brush near homes and property can help prevent fires that produce pollution and draw from the state's limited water supply.

One significant negative impact of the drought has been to disrupt the region's previous steady progress toward attainment of the federal standard for fine particle pollution (PM2.5). Inhaled PM2.5 can cause irritation and, over the long-term, decrease lung function and increase the risk of developing diseases such as asthma, bronchitis, emphysema and some forms of cancer.

Heavy precipitation built up the Sierra Nevada snowpack this winter, and led to marked improvement in the snowpack's water content and an increase in storage in the state's major northern reservoirs. However, despite the winter's moderate El Niño storms, more than just one year of rainfall will be needed to offset the long-term effects of the drought. Most of the state's reservoirs are still holding less water than their historical averages. Rainfall totals for Los Angeles have been below the long-term average (14.82") for seven of the past nine years. In April 2015, Governor Jerry Brown issued a water restriction plan to protect California's water supply. The plan included restricting the amount of water used in public locations, using drip irrigation for new developments, changing to drought-tolerant landscaping, and limiting cities' use of water.

There are many things Californians can also do during the drought crisis to help use less water and clean the air. Two suggestions are taking shorter showers and only doing full loads of laundry. Another alternative is to switch to energy- and water-efficient appliances that can reduce water and energy use each day. Reducing energy use helps improve air quality because so much of the region's electricity is generated by burning fossil fuels.



# SCAQMD Board Appoints Acting Executive Officer



**O**n April 1, the SCAQMD Governing Board unanimously appointed former U.S. Environmental Protection Agency Regional Administrator Wayne Nastri as the agency's Acting Executive Officer. In this capacity, Nastri will develop and implement policies and programs approved by the agency's 13-member Board, oversee a staff of about 800 and an annual budget of \$137 million. He will serve a six-month term while the Board conducts a comprehensive nationwide search for a permanent executive officer.

Nastri has been active on a variety of environmental issues for more than three decades. He served as Regional Administrator of Region IX for the U.S. EPA from October 2001 to January 2009. Prior to his work at the national level, Nastri was appointed by Governor Pete Wilson to the SCAQMD Board from 1997 to 1998. He also served on Cal EPA's Department of Toxic Substances Control Site Mitigation External Advisory Committee. Prior to his appointment as SCAQMD's Acting Executive Officer, Nastri worked with E4 Strategic Solutions, Inc., mCapital Management, and Dutko Worldwide providing clients with advice on a variety of environmental and energy issues.

"As a resident of this air basin and an environmental professional in the field for over 30 years, I have a deep appreciation of the fact that we face some of the nation's most challenging air problems. I look forward to working with the SCAQMD's Board and staff to continue to implement strategic and progressive air policies, and clean the air for the region's 17 million residents," Nastri said.

*On April 1, SCAQMD's Governing Board appointed Wayne Nastri as the agency's Acting Executive Officer for six months. The following is a Q&A with him.*

### What are your priorities as Acting Executive Officer?

There are tremendous challenges before this agency. I believe that building strong partnerships with states, Congress, U.S. EPA and others is crucial to tackling those challenges. We need partners to help us address the impact of goods movement and transportation on this region. We need to secure additional incentive funding to implement clean air strategies. And we should consider targeted amendments to the federal Clean Air Act to address the needs of extreme non-attainment areas including our region.

### What do you see as a top priority during the next six months?

The 2016 Air Quality Management Plan. The biggest challenge I see in adopting and implementing a comprehensive plan is securing adequate resources to provide incentives for achieving emissions reductions. I look forward to receiving input from all of our stakeholders at our public workshops on the draft plan this spring and summer.

### What are some of your personal interests?

I enjoy outdoor activities including kayaking, surfing, bike riding, hiking and international travel. I feel fortunate to have traveled to amazing places like Torres del Paine National Park in Chile and Machu Picchu in Peru. Someday I hope to climb Africa's Mount Kilimanjaro!



# SCAQMD Approves Electric Vehicle Charging Equipment Rebates



**A**s part of its Clean Communities Plan to reduce air pollution in three key Southland communities, SCAQMD is launching a rebate program to help fund installations of plug-in electric vehicle (PEV) charging infrastructure.

The program will help address the growing need for charging infrastructure as plug-in electric hybrid and battery electric vehicle ownership is expanding.

The PEV charging infrastructure rebate program specifically applies to government agencies and non-profit organizations located in the City of San Bernardino, the Boyle Heights neighborhood of Los Angeles, and Western Riverside County.

Rebates range from \$5,000 to \$7,500 per charger depending upon the number of parking stalls designated for PEVs. For projects that include solar panels associated with the PEVs, applicants would be eligible for up to an additional \$5,000 per site. Grant funds are limited to no more than \$42,500 per site. Participation is on a first-come, first-served basis and is based on availability of funds.

The rebate program is funded through a U.S. Environmental Protection Agency Targeted Air Shed Grant.

*For more details on how to participate in this program please contact Michael Morris at (909) 396-3282 or [mmorris@aqmd.gov](mailto:mmorris@aqmd.gov).*

**Y**ou may have heard that April showers brings May flowers, but did you know that May is also National Clean Air Month?

While SCAQMD is focused on improving air quality and public health all year, May is the time of the year to appreciate how far we have come in the Southland in the past several decades. Sponsored by the American Lung Association, Clean Air Month informs people about the impact clean air can have on their lives and encourages people to take steps that will help improve air quality in their community. Among the steps you can take to improve the air in May include:

- Biking to work during National Bike to Work Week (May 16-20)
- Informing yourself about asthma since May is also National Asthma and Allergy Awareness Month. Asthma affects approximately 25.9 million Americans and more than 50 million Americans suffer from allergies. These are all exacerbated when air pollution levels are high.
- Keeping your car properly maintained according to manufacturer's specifications. This can increase a car's gas mileage by up to 40%.
- Not letting your car idle; turn off the engine when it is sitting still or parked.
- Driving less by planning ahead and organizing your route to combine several errands into one trip.
- Purchasing a clean-fueled vehicle. If you are in the market to buy or lease a new vehicle, check out SCAQMD Advisor 2016 Clean Car Buying Guide to select a clean-running car that best fits your needs. It is available for download at <http://bit.ly/2016CleanCarGuide>.

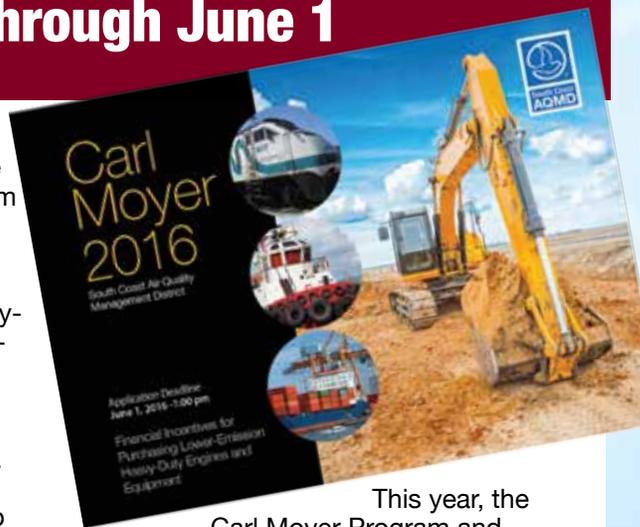
# May is Clean Air Month

## Carl Moyer Program Accepting Applications through June 1

**S**CAQMD is accepting applications through June 1st for Carl Moyer Program and Surplus Off-road Opt-in for NOx (SOON) provision competitive grants. These grants help replace older heavy-duty diesel engines with lower-emission heavy-duty engines, such as those with electric, alternative-fuel, or cleaner advanced-diesel technologies.

The program fills a critical niche in California's strategy to achieve clean air by providing funding to encourage the owners of diesel engines to go beyond regulatory requirements by retrofitting, repowering, or replacing their engines with newer and cleaner ones.

For the last 17 years, this successful and popular air quality incentive program has provided \$362 million to fund the clean-up of 9,200 engines and equipment. As a result, emissions throughout the Southland have decreased by about 23 tons per day of oxides of nitrogen (NOx) and 1.1 ton per day of particulate matter (PM).



This year, the Carl Moyer Program and SOON have \$23.0 million and \$5 million, respectively, to award for eligible projects in SCAQMD's four-county jurisdiction. Projects will be awarded up to the total amount of funds available.

Any mobile source project, public or private, that results in cost-effective PM and/or NOx reduction that is not subject to current regulations or within three years of a regulatory compliance deadline is eligible. Projects must operate 75% of the time within SCAQMD's boundaries.

*For more information, contact Connie Day at [cday@aqmd.gov](mailto:cday@aqmd.gov) or (909) 396-3055, or visit <http://bit.ly/CarlMoyerProgram> for more information on the Carl Moyer Program.*

## Commercial-Grade Cordless-Electric Lawn and Garden Equipment Demonstration/Loaner Program

**P**ublic agencies that employ their own lawn care maintenance staff and local gardening and landscape professionals are eligible for SCAQMD's new, free loaner program to demonstrate cordless-electric commercial-grade lawn and garden equipment.

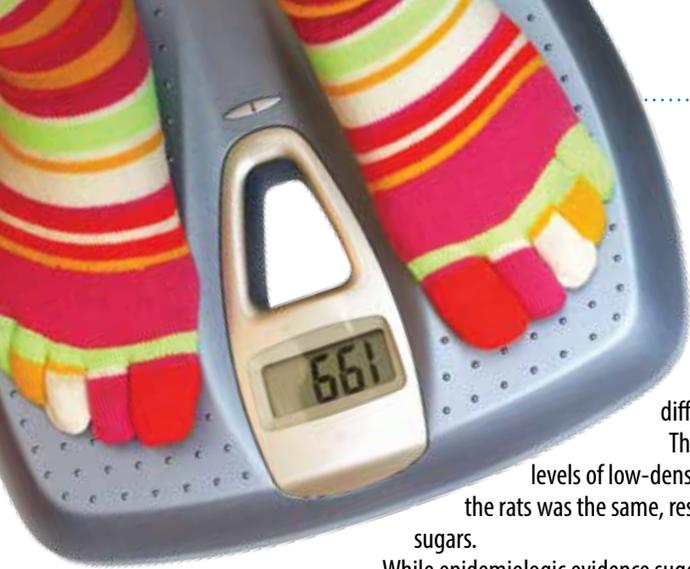
The benefits of using this equipment include zero exhaust emissions to pollute the environment or disrupt the climate – plus they operate with less than half the noise of gasoline equipment, and can provide cost savings through reduced fuel consumption and maintenance.

Participants are provided with hands-on training and improved familiarity with commercial electric lawn and garden equipment. Demonstration program participants are asked to complete a simple, monthly survey during their 60-90 day use of the equipment so that SCAQMD staff can obtain feedback on a variety of aspects including performance, durability, maintenance, and fuel savings.

Selected agencies will enter into a contractual agreement with SCAQMD to participate in the no-cost demonstration/loaner program.

*For more information contact Lori Berard at [lberard@aqmd.gov](mailto:lberard@aqmd.gov) or (909) 396-2436.*

# Health Studies Link Air Pollution to Obesity



Two recent health studies have linked ambient air pollution to an increased risk of obesity. A 2016 study from Peking University in Beijing, China, studied two groups of pregnant rats and their offspring. One was a control group breathing in filtered air, while the other breathed in Beijing's famously polluted air. The two groups showed vast differences in weight gain.

The rats breathing the unfiltered air were 15 percent heavier by day 19, with 50 percent higher levels of low-density lipoprotein (or "bad" cholesterol) and signs of tissue inflammation. Since the diet fed to the rats was the same, researchers believe that air pollution had an impact on the rats' ability to break down fats and sugars.

While epidemiologic evidence suggests that air pollution is a risk factor for childhood obesity, this is the first animal study to show a connection between breathing polluted air and weight gain unrelated to diet. The study was published in the January issue of *The FASEB Journal*, the Official Journal of the Federation of American Societies for Experimental Biology.

These findings are consistent with a 2015 study on body mass index that was part of USC's Southern California Children's Health Study. That study provides further evidence that exposure to tobacco smoke and near-roadway pollution exposure contribute to the development of childhood obesity and suggest that combined exposures may have synergistic effects.

This study, published in the April 2015 issue of *Environmental Health Perspectives*, analyzed data from over 3,000 children who were tracked for eight years. The study reviewed their exposure to secondhand smoke and whether a child's mother smoked while the child was *in utero*. The study also calculated near-roadway pollution exposure taking into account traffic volume, how close the children lived to roadways and predominant wind direction.

The study showed increased weight gain during adolescence in children exposed to secondhand tobacco smoke or near-roadway air pollution, compared to children that weren't exposed. The effects were substantially greater in children exposed to both air pollutant mixtures than to either alone.

More information on these studies can be found at [fasebj.org/content/early/2016/02/18/fj.201500142.abstract](http://fasebj.org/content/early/2016/02/18/fj.201500142.abstract) and <http://ehp.niehs.nih.gov/1307031/>

## "CHECK BEFORE YOU BURN" SEASON CLOSES WITH SIGNIFICANT REDUCTION IN NO-BURN DAYS

The 2015-2016 "Check Before You Burn" season ended on Feb. 29 with 14 no-burn days – a significant decrease compared to the previous season with 25 no-burn days. Mandatory no-burn days are designed to protect public health by reducing harmful wood smoke during fall and winter months. Under the program, no-burn day alerts are issued when fine particulate air pollution levels are forecast to be unhealthy. During a no-burn day, residents are not allowed to burn wood in their fireplaces.

In recent years, severe drought conditions have worsened air quality with dry soil and winds boosting concentrations of coarse and fine particles

in the air. This year, El Niño weather patterns brought more precipitation that provides a natural cleansing effect carrying away air pollution. While the El Niño weather pattern did not bring nearly as many rainstorms as predicted, it did have a significant impact on Southern California air quality.

Wood smoke is a complex mixture of gases and microscopic particles so small they can get deep into the lungs, causing serious health problems. Wood smoke is also known to contain many of the same carcinogens as second-hand cigarette smoke. Fine particulate air pollution is associated with an increased risk of heart attack and stroke, asthma attacks and potential low birth weights in

newborns.

The Check Before You Burn program is in effect every year from November 1 through the end of February, when particulate levels are highest. SCAQMD's no-burn alerts do not apply to mountain communities above 3,000 feet in elevation, or the Coachella Valley. Homes that rely on wood as a sole source of heat, low-income households and those without natural gas service are also exempt.

For additional information on wood smoke and your health, and to sign up to receive no-burn alerts, visit [www.AirAlerts.org](http://www.AirAlerts.org).



## 2016 Clean Car Buying Guide Available

The third annual SCAQMD Advisor Clean Car Buying Guide is now available for download on the agency's website.

Featuring articles on some of the new developments regarding alternative fuel and hybrid fuel vehicles, most of this special issue is devoted to information on the least-polluting 2016 model vehicles available for sale or lease. The information includes the size and suggested retail price of each vehicle, as well as its fuel type, battery range (for electric vehicles), and carbon footprint.

If you are interested in purchasing or leasing an alternative fuel or hybrid vehicle this year, this guide can help you decide which vehicle is right for you.

To download the 2016 Clean Car Buying Guide, visit <http://bit.ly/2016CleanCarGuide>. If you would like to receive a copy of the Guide mailed to you, call (909) -396-2432 or email your request to [advisornewsletter@aqmd.gov](mailto:advisornewsletter@aqmd.gov) with Clean Car Advisor in the subject line.



# 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](http://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](http://aqmd.gov/home/regulations) or obtained from SCAQMD's Public Information Center at (909) 396-2039.

## July

### Rule 430 – Breakdown Provisions

This rule will be amended or replaced to address specific issues raised by the U.S. Environmental Protection Agency (U.S. EPA) regarding start-ups or shut-downs associated with breakdowns.

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

### Rule 1110.2 – Emissions from Gaseous and Liquid Fueled Internal Combustion Engines

At the December 4, 2015 Board meeting, the Board directed staff to return with proposed amendments regarding potential relief for a unique situation at one facility.

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

### Rule 1148.2 – Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers Rule 1148.3 – Requirements for Oil and Gas Wells and Commercial Suppliers

Proposed Rule 1148.3 will establish best management practices during specific well stimulation activities. Additional revisions to Rule 1148.2 may also be needed.

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

### Rule 1168 – Adhesive and Sealant Applications

Amendments to Rule 1168 will partially implement stationary source control measure CTS-02 and reflect improvements in adhesive and sealant technology, as well as remove outdated provisions and include minor clarifications.

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

### Rule 1401 – New Source Review for Toxic Air Contaminants

Revisions to Rule 1402 are proposed to add a voluntary risk reduction program for

certain AB 2588 core facilities and other amendments to streamline and clarify provisions. Revisions to Rule 1401 are also proposed to revise procedures for adding and revising toxic air contaminants on the Rule 1401 list.

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

### Regulation XX – RECLAIM

At the December 4, 2015 Board meeting, the Board directed staff to further analyze shutdown credits and bring a proposal for the Board's consideration.

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

## Nominations Now Accepted for the 28th Annual Clean Air Awards



For over a quarter of a century, SCAQMD has annually honored those who help improve the region's air. Because of the efforts of these clean air heroes, our air is cleaner and families are healthier.

Whether it is starting a program that promotes alternatives to driving solo, developing a new technology to reduce air pollution, or finding innovative solutions to improve air quality, these individuals, cities, nonprofits, and businesses should be recognized for their efforts.

For the 28th Annual Clean Air Awards the five categories and criteria have changed for the first time since the awards' earliest days. The categories accepting nominations include:

- Innovative Clean Air Technology
- Model Community Achievement
- Clean Air Education and Outreach
- Business Leadership in Air Quality
- Youth Leadership in Air Quality

In addition, nominations now must be submitted online. Submitting online will make it easier for individuals to complete and submit their nominations and for SCAQMD to manage the process. We are "going green" by going paperless. The Clean Air Awards luncheon will be held on October 7th at the Riverside Convention Center. This will be the first time in the Awards' history that they will be held at a venue in the Inland Empire.

To submit a nomination using the online form, visit [CleanAirAwards.com](http://CleanAirAwards.com). All nominations must be submitted by 11:59 p.m. on July 1, 2016. For questions or more information about the nominations or the October 7th event, contact [CleanAirAwards@aqmd.gov](mailto:CleanAirAwards@aqmd.gov) or (909) 396-2432.

## Day of Remembrance Event Honors Memory of Cesar Chavez

On March 19, 2016, over 300 people attended SCAQMD's 2nd Annual Cesar Chavez – A Day of Remembrance event held at California State University, Los Angeles. The affair honored the memory of Cesar Chavez, environmental justice and air quality issues.

Emmy Award-winning news anchor Lynette Romero of the KTLA 5 Morning News emceed the event. The diverse audience was treated to a delicious Mexican-themed lunch while being serenaded by Las Colibri, an all-female mariachi group.

The program included viewing the informative "Right to Breathe" video, and remarks by SCAQMD Governing Board Chair Dr. William Burke and Governing Board Member Dr. Clark Parker, Sr. Essay contest winner and student from Sacred Heart High School, Jacqueline Medina was presented with a laptop and certificate of writing composition on how Cesar Chavez has influenced her life.

Many were touched by the moving remarks of retired Senator Art Torres who had worked under Chavez for the United Farm Workers before he was elected to public office. The afternoon concluded with the presentation of the Richard Alatorre Environmental Justice for All Award to Senate President Pro Tempore Kevin de León who delivered an eloquent acceptance speech.

The event was sponsored by SCAQMD, the California Latino Legislative Caucus, Laborers' International Union of North America (LIUNA) Local 300, LIUNA Local 1309, United Firefighters of Los Angeles, and IBEW Local Number 11.



# CLEAN AIR People



## SCAQMD's Records Services Department

**S**CAQMD's Records Services Department has seen many changes over the past three decades in how records are kept, but there have been few changes in those working in that unit.

Thirty years ago, SCAQMD's Record Services Department consisted of rows of shelves with files, rolling step ladders, fire-proof filing cabinets to safeguard the half-sheet permits, and a filing system which utilized 3x5 cards to locate files accordingly.

Then in the late 1980s, a document management system was implemented and 30 people worked 24/7 to convert records onto microfiche. Computer technology continued to advance and SCAQMD was the second client to the developers of the Liberty System. The Liberty System was sold to OnBase in 2010, and is still in use today. The foundation for electronic record-keeping was set and has proven to be the main supporter of many computer systems throughout the SCAQMD including its FIND program. The FIND program enables internet users to search for public information about SCAQMD-regulated facilities.

Principal Office Assistant Norma Martinez, Senior Office Assistant Cindy Barbosa, and Office Assistant Ed Tung are the three remaining staff in the Records Services Department. Norma, Ed and Cindy were hired in the '80s and have been working together since 1989. They have seen the transformation of paper documents into electronic files.

On a typical day they scan records, staff the Help Desk answering questions and convert microfiche. Once documents have been catalogued and scanned they are shredded and recycled into roofing material.

Audelia Gonzeles, Office Assistant, also worked in Records Services and was hired in 1981. She worked in various departments before joining the Records team six years ago, but has since retired in March and is now doing the things she's always wanted to do and spending time with family.

Ed plans on working for a few more years, then he wants to hone his skills in photography and he has an adventurous bucket list he wants to check off. Cindy has about five years left, but envisions working part-time to keep busy, contributing her time to charity work. Norma sees herself advocating for a passionate cause during her retirement, which will be soon.

There may not be a need for a Records Services Department in the future, as the business process becomes more and more automated. We just may see the end of this long-critical department once each of these staffers transitions to retirement.

## The "Parking Lot of the Future" Coming to the SCAQMD

**A**s more and more electric vehicles (EVs) and plug-in hybrid electric vehicles (PHEVs) have come on the market in recent years, more and more people coming to the SCAQMD headquarters in Diamond Bar are looking for stations to recharge their vehicles.

Beyond SCAQMD staff and visitors, community members—residents and nearby workers from neighboring offices—also plug into the 26 Level 2 chargers in SCAQMD's parking lot.

So in the past several years, several SCAQMD staff have been working to literally redefine what is considered a "parking lot," and for electric vehicles, turning it into a "charging lot." Staff will take a final plan to the SCAQMD Governing Board in May to upgrade the existing stations and also install 84 new stations. If approved, construction for a total number of 110 EV charging stations will begin in June and be ready by the end of 2016 with roughly an eighth of the parking spaces available for clean air vehicles only. SCAQMD's lot will have the second highest number of chargers at any facility in the nation, after the Google headquarters in Mountain View.

The new charging equipment will also enable SCAQMD to manage power demand and recoup electricity costs while encouraging even more drivers to switch to electric vehicles—an "air pollution solution" that saves both money and time.

For more information contact Patricia Kwon at [pkwon@aqmd.gov](mailto:pkwon@aqmd.gov) or (909) 396-3065.





## South Coast Air Quality Management District

21865 Copley Drive  
Diamond Bar, CA 91765-4178

Return Service Requested

@SouthCoastAQMD

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City of Industry, CA  
Permit No. 4472

## Briefly...

### Rule Compliance Promotion Classes

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

- Every third Wednesday of the month.

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](http://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](mailto: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.

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](http://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](mailto:dustcontrol@aqmd.gov) or call toll-free 1-866-861-3787.

#### Rule 461 – Gasoline Transfer and Dispensing Training

##### Daily Maintenance Inspection Class

- June 3, 2016

The class fee is \$149.62 per person.

##### Periodic Compliance Inspection Class

- June 17, 2016
- October 28, 2016

The class fee is \$163.75 per person.

##### Vapor Recovery System Tester Orientation Class

- June 10, 2016
- August 19, 2016

The class fee is \$155.67 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](http://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](mailto:MMartinez1@aqmd.gov) for more information.

#### Rule 1403 – Asbestos Demolition and Renovation Compliance Training

- June 22, 2016

Classes are held from 8:00 a.m. to 1:00 p.m. at SCAQMD's Diamond Bar Headquarters (Room CC6). Registration fee is \$81.44 per

person. Pre-registration is required and walk-in registrations are not allowed.

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

#### Rule 2202 - Employee Transportation Coordinator (ETC) Training

- May 26, 2016, Courtyard, Burbank
- June 9, 2016, SCAQMD Headquarters, Diamond Bar
- June 23, LAX Flight Path, Los Angeles

Classes are held from 8:00 a.m. to 5:00 p.m. each day. Registration fee is \$168.92 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](http://aqmd.gov/home/programs/business/training-2202-etc) for class and registration information. To register, e-mail [etctraining@aqmd.gov](mailto:etctraining@aqmd.gov) or call (909) 396-2777.

## SCAQMD ADVISOR

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