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Google StreetView car with camera



View of sampling duct, power control panel, and data logger

SOUTH COAST AQMD TO PARTNER WITH GOOGLE FOR MOBILE SENSING PROJECT

The Air Quality Sensor Performance Evaluation Center (AQ-SPEC) at South Coast AQMD began a partnership with Google Earth Outreach to test the performance of low-cost sensors on moving vehicles. As part of this project, low-cost sensors will take measurements of ambient air on a Google StreetView car that is driving through different locations.

The project is intended to analyze the potentials and limitations of low-cost air monitoring sensors for measuring fine particulate matter (PM2.5) and ozone (O3), and determine which types may be best suited for mobile uses.

AQ-SPEC has been conducting stationary field and laboratory

testing of commercially available low-cost sensors since 2014, and this new project will provide additional information on the performance of low-cost sensors when used in mobile monitoring applications. A protocol with best practices for conducting mobile monitoring using sensors will also be developed as part of this collaboration with Google. This will be particularly important for community scientists and groups that are interested in conducting measurement surveys at the neighborhood level.

Mobile sensors gathering street level data will allow collection of more air pollution information over a much larger area than traditional air monitoring

technologies that stay in one location. These mobile measurements are expected to demonstrate how much pollution can change over very short distances, such as a city block or throughout a neighborhood.

Given their comparatively low-cost compared to traditional fixed-site equipment, when proven to be accurate and reliable, mobile sensors could also become useful tools for introducing students to air quality issues, and for environmental groups and individuals to independently evaluate air quality.

For more information on the Air Quality Sensor Performance Evaluation Center, visit: <http://www.aqmd.gov/aq-spec>.



Google camera with enclosure box for low-cost sensors



CHECK BEFORE YOU BURN SEASON STARTS NOVEMBER

Beginning November 2019 through the end of February 2020, local residents are asked to “Check Before You Burn” and refrain from burning wood in residential fireplaces, backyard fire pits and wood stoves on days when unhealthy air quality is forecast.

From late fall to early winter, the South Coast AQMD issues mandatory no-burn alerts for days when emissions and stagnant weather conditions are expected to raise fine particulate pollution to unhealthy levels.

There are three ways you can Check Before You Burn:

- E-mail Notification Program - sign up at www.airalerts.org to receive Air Alerts on air quality and to be notified when a mandatory no-burn alert has been issued for your neighborhood.
- Check Before You Burn Map - visit www.aqmd.gov/CheckBeforeYouBurnMap for daily forecast information.
- Toll-Free Phone Number – call 866-966-3293 for daily Check Before You Burn information.

For more information, visit www.aqmd.gov/cbyb.



CLEAN AIR RANGER EDUCATION PROGRAM LAUNCHES IN LOCAL ELEMENTARY SCHOOLS



On October 10, 2019, nearly 600 students eagerly stood in line to sit in an electric vehicle during recess at Twentieth Street Elementary School in Los Angeles. South Coast AQMD staff played exciting music, passed out branded wristbands, and presented ways the students could help clean the air.

South Coast AQMD’s Environmental Justice Community Partnership (EJCP) is piloting the Clean Air Ranger Education (CARE) Program this year with the goal of educating and empowering elementary school students in environmental justice communities on air quality and environmental health issues. South Coast AQMD staff participate in school assemblies that provide information on ways students can help clean the air, demonstrations on zero-emission technologies and a presentation on how smog forms. The program also provides schools with air quality flags that are used to illustrate daily air quality conditions as well as backpacks and folders with additional information on South Coast AQMD programs for distribution to parents.

The next presentation will be at North Verdemon Elementary School in San Bernardino on November 15.

For more information on the CARE Program, contact Alicia Rodriguez at arodriguez1@aqmd.gov.

AB 617 UPDATE

September 6, 2019 marked a major milestone toward bringing environmental justice to disadvantaged communities in the South Coast Air Basin. The South Coast AQMD Governing Board adopted the Community Emissions Reduction Plans (CERPs) for the three communities designated in the first year of the AB 617 program.

Following input from the Community Steering Committees (CSCs) in each of the three communities, the three CERPs identify actions to reduce emissions and exposures to criteria air pollutants and toxic air contaminants in the communities of:

- Wilmington, Carson, and West Long Beach;
- East Los Angeles, Boyle Heights, and West Commerce;
- San Bernardino and Muscoy.

The adoption of these plans come after a total of 41 meetings, workshops and community tours, and more than 60 individual meetings. Each CERP is a collaborative effort between South Coast AQMD staff and CSC members, and is tailored to address the air quality priorities for that community.

“We embrace our responsibility to ensure that all residents, especially those historically underrepresented, have access to resources that can improve the air they breathe,” said Dr. William A. Burke, South Coast AQMD’s Governing

Board Chair. “This level of collaboration between the agency and these communities is unprecedented. Never before has something of this magnitude been attempted, and we will do everything within our power to make real changes for impacted residents.”

The plans include specific actions that go beyond existing efforts by South Coast AQMD, including an implementation schedule, an enforcement plan, and a description of the process and outreach conducted to develop them.

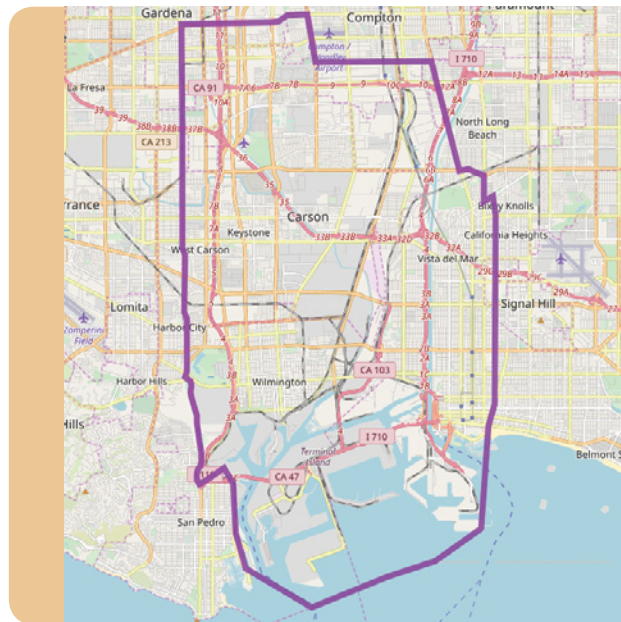
The plans will head to the California Air Resources Board (CARB) for final approval, and both agencies will work together to implement the plans.

At the September meeting, the Governing Board also recommended two new communities in Southeast Los Angeles and the Eastern Coachella Valley for inclusion in the AB 617 program:

- South Gate, Florence-Firestone (eastern portion), Walnut Park, Huntington Park (western portion), Cudahy, Bell Gardens (southern portion)
- Indio, Coachella, Thermal, Oasis, Mecca and North Shore

The Board’s recommendations will be forwarded to CARB for final selection.

For more information on the AB 617 program, please visit www.aqmd.gov/ab617.



**WILMINGTON
CARSON
WEST LONG BEACH**

How much air pollution will this Plan reduce?

The CERP will reduce pollution from refineries as well as trucks and other mobile sources. Specifically, the CERP target reductions are:

	By 2024	By 2030
NOx	606 tpy (~7% reduction)	3207 tpy (~35% reduction)
Diesel PM	9 tpy (~10% reduction)	20 tpy (~22% reduction)

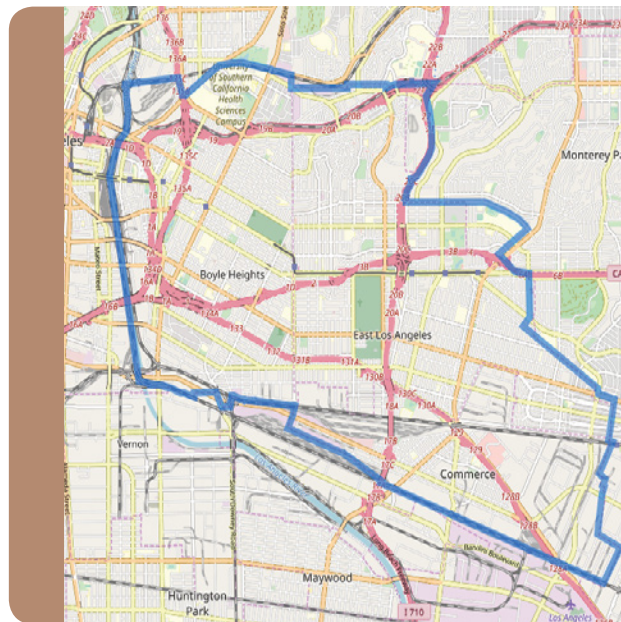
tpy = tons per year

Refinery emissions reduction goals (by 2030):

- 50% reduction in NOx, SOx and VOC emissions

The CERP will reduce air pollution in other ways that are not yet quantifiable. This includes actions to conduct truck idling enforcement and develop an Indirect Source Rule for Railyards. The CERP includes other actions that benefit the community, such as air filtration, school-based programs and community training. The CSC and staff will track progress on these actions, along with emission reductions.

Note: Emission reduction goals are subject to future assessments and regulatory analyses



**BOYLE HEIGHTS
EAST LA
WEST COMMERCE**

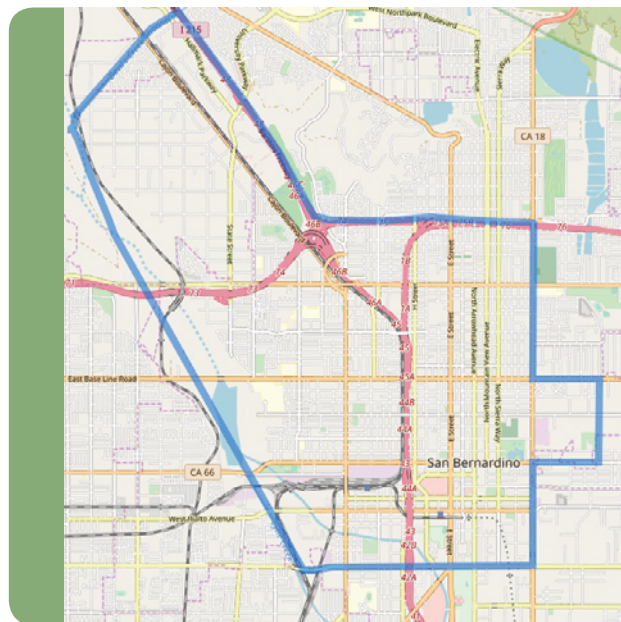
How much air pollution will this Plan reduce?

The CERP will reduce pollution from trucks, cars and other mobile sources. Specifically, the CERP target reductions for mobile source emissions are:

	By 2024	By 2029
NOx	143 tpy (~8% reduction)	377 tpy (~20% reduction)
Diesel PM	1.2 tpy (~9% reduction)	1.4 tpy (~13% reduction)

tpy = tons per year

The CERP will also reduce air pollution in other ways that are not yet quantifiable. This includes actions to conduct truck idling enforcement, replace older polluting cars with cleaner models, reduce fugitive emissions from certain facilities, and develop Indirect Source Rules for Warehouses and Railyards. The CSC and staff will track progress on these actions, along with the emission reductions.



**SAN BERNARDINO
MUSCOY**

How much air pollution will this Plan reduce?

The CERP will reduce pollution from trucks and other mobile sources. Specifically, the CERP target reductions for mobile source emissions are:

	By 2024	By 2029
NOx	75 tpy (~10% reduction)	128 tpy (~21% reduction)
Diesel PM	0.9 tpy (~10% reduction)	0.9 tpy (~15% reduction)

tpy = tons per year

The CERP will also reduce air pollution in other ways that are not yet quantifiable. This includes actions to conduct truck idling enforcement, reduce fugitive dust from certain facilities, and develop Indirect Source Rules for Warehouses and Railyards. The CSC and staff will track progress on these actions, along with the emission reductions.

APPLICATIONS NOW BEING ACCEPTED FOR ZERO-EMISSION TRANSIT, SCHOOL, AND SHUTTLE BUSES



Get Started!
1-833-BUS-MONEY

The San Joaquin Valley Air Pollution Control District is now accepting applications for the first installment of \$65 million of a total of \$130 million in Volkswagen (VW) Environmental Mitigation Trust funds for replacing older, high-polluting Class 4-8 transit, school, and shuttle buses with new battery-electric or fuel-cell buses.

Replacing an older bus with a zero-emissions bus eliminates particulate matter and other pollutants that impact children and residents riding the buses, as well as residents throughout California communities. Under this funding category, approximately 425 vehicles will be replaced with an

incentive amount of up to \$400,000 per vehicle.

The zero-emission bus replacement program is one of five funding categories under the VW Environmental Mitigation Trust Program. Other categories include: zero-emission freight and port drayage trucks, combustion and zero emission freight and marine projects, and light-duty zero-emission infrastructure.

Over a 10-year period, the settlement will provide about \$423 million for California to mitigate excess nitrogen oxide emissions caused by VW's use of illegal defeat devices in certain VW diesel vehicles. The VW mitigation funds are expected to reduce 10,000

tons of NOx emissions by investing in zero-emission and other clean technologies to help improve long-term air quality, climate, zero-emission vehicle, and petroleum use reduction goals.

Funding is available statewide to public and private entities, with applications available through online portals only. Scrapping of old vehicles/equipment/engines is required, and at least 50 percent of the funding is expected to reduce emissions in disadvantaged or low-income communities.

For more information and instructions on how to apply for funding for zero-emission buses, visit <http://vwbusmoney.valleyair.org/>.

NEW DECAL AND BRANDING PROGRAM HIGHLIGHTS CLEAN TRUCKS

South Coast AQMD will be initiating the use of a Clean Air Truck decal to highlight clean air technologies funded by South Coast AQMD. This will help build public awareness of the agency and the progress being made to advance the use of clean vehicle technologies to reduce emissions and improve our local air quality and quality of life.

Use of the decal will commence in spring 2020 at the start of the next Carl Moyer Program funding cycle. Placement of the decal on trucks funded by the program will be required. The decal program

will be expanded to include other incentive programs including on-road vehicles, off-road equipment such as agricultural and warehouse equipment, and also technology demonstration projects within the South Coast air basin.

Similar funding decals have been used by the CA Energy Commission and US EPA and serve to bring attention to these clean air technologies.

For more information on the Carl Moyer program, visit <http://www.aqmd.gov/moyer>



BOARD APPROVES ADDITIONAL INCENTIVES FOR ZERO-EMISSION COMMERCIAL ELECTRIC LAWN AND GARDEN EQUIPMENT

The South Coast AQMD Governing Board approved an additional 25 percent discount on zero-emission lawn and garden equipment at the October 4 monthly meeting.

A total of \$750,000 will be allocated to the six equipment manufacturers currently participating in the Commercial Electric Lawn & Garden Equipment Incentive and Exchange program increasing equipment discounts to 75% of retail price. To date over 1,600 pieces of equipment have been exchanged for zero emissions models.

Eligible participants can purchase qualifying equipment from ECHO, Husqvarna, Makita, Mean Green, Oregon and STIHL authorized dealers in Riverside, Orange, Los Angeles and San Bernardino counties at a reduced price set by the agency in exchange for scrapping an equivalent, operable piece of diesel- or gasoline-powered equipment. Dealers will accept and scrap the old equipment with priority given to participants operating in environmental justice communities in the South Coast Air Basin.



Using equipment that operates with zero emissions is more protective of public health, improves air quality and saves money on gasoline and maintenance.



According to studies by the California Air Resources Board (CARB):

- 42 percent of engines fail CARB's evaporative emission test.
- Operators are exposed to carcinogens such as benzene and butadiene, therefore increasing their cancer risks.

This exchange program is funded through South Coast AQMD's Air Quality Investment Program and U.S. Environmental Protection Agency's Targeted Air Shed Grant. A revamped program will kick-off in the new year.

For more information call 888-425-6247 (Tuesday-Friday), email lawngarden@aqmd.gov, or visit the South Coast AQMD's web site at: www.aqmd.gov/lawnmower.

Products Available



For program information please contact South Coast AQMD at 888-425-6247 or visit the program website at www.aqmd.gov/lawngarden



2019 CLEAN AIR AWARDS WINNERS ANNOUNCED

On October 6, South Coast AQMD honored individuals, local government, businesses, academia and organizations who have gone above and beyond to help improve air quality in the South Coast region. The sold out event at the L.A. Grand Hotel in downtown Los Angeles was attended by more than 350 guests and was emceed by Christina Sanchez, former Public Affairs Director for Univision's flagship station, KMEX-TV.

This year's Clean Air Awards recipients are as follows:

S. ROY WILSON LEADERSHIP IN GOVERNMENT AWARD

Gina McCarthy

Former United States Environmental Protection Agency Administrator

Professor of the Practice of Public Health at the Harvard T.H. Chan School of Public Health and Director of the Center for Climate, Health and the Global Environment (Harvard C-CHANGE)

Gina McCarthy's tenure as EPA Administrator heralded a paradigm shift in national environmental policy, expressly linking it with global public health. She led EPA initiatives that cut air pollution, protected water resources, reduced greenhouse gases, and strengthened chemical safety to better protect more Americans, especially the most vulnerable, from negative health impacts. McCarthy signed the Clean Power Plan, which set the first-ever national standards for reducing carbon emissions from existing power plants and represented the U.S. on global initiatives to reduce high-risk sources of pollution.



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

Dr. Jill Johnston

Assistant Professor of Preventative Medicine and Director of Community Outreach & Engagement in Environmental Health, University of Southern California

Dr. Jill Johnston works to develop community-academic partnerships to advance environmental health and justice in disadvantaged urban and rural neighborhoods. Her research combines community engagement with exposure assessment and epidemiology to address environmental health concerns. In particular, she is interested in assessing exposure pathways to pollutants as a result of industrial activities. As Outreach Director for the USC Environmental Health Centers, Dr. Johnston has been working to increase awareness and build community capacity on issues such as urban oil wells in Los Angeles and the disappearing Salton Sea in the Eastern Coachella Valley.

YOUTH LEADERSHIP IN AIR QUALITY Pacoima Beautiful's Youth United Toward Environmental Protection (YUTEPA)

YUTEPA provides youth with environmental education, tools to become advocates for sustainable changes in the environment, and leadership skills to participate in dialogues with government officials and community leaders. Members host on campus events and participate in community events and meetings that support improving local air quality. Recently, USC Environmental Health Centers Community Engagement Team and Pacoima Beautiful partnered to engage YUTEPA in a "Day in the Life, a Community Based Science and Media Project" to bring visibility to the stories of youth of color living and organizing in the San Fernando Valley communities that experience a variety of environmental and pollution impacts.

Youth Leadership Institute, Coachella Valley

Youth Leadership Institute by Alianza's Youth Organizing Council prepares young adults in Eastern Coachella Valley to be future leaders by helping them put their values into words and their words into actions. Four Salton Sea-area residents produced "Estamos Aquí: A Community Documentary", a 30-minute video which reflects on a community impacted by environmental issues and highlights community voices and the future of the eastern Coachella Valley. As the Salton Sea in the east Coachella Valley continues to shrink, toxic dust and other airborne issues continue to affect those in the surrounding areas.

MODEL COMMUNITY ACHIEVEMENT

San Bernardino Council of Governments with Partners BYD, Daylight Transport, CALSTART, BNSF and the California Air Resources Board

In March 2017, San Bernardino Council of Governments and partners Daylight Transport and BYD Motors celebrated the arrival of the first of 27 next-generation, zero-emission electric yard and service trucks in three disadvantaged communities in San Bernardino, Los Angeles and Fontana. Over the two-year duration of the demonstration project, the zero-emission trucks are expected to reduce emissions of about 3,500 tons of carbon dioxide (CO2) equivalent, 3,250 pounds of nitrogen oxide and 170 pounds of diesel soot.

CLEAN AIR EDUCATION AND OUTREACH AWARD

California Safe Schools (CSS)

CSS is committed to ensuring that all students, teachers, staff, and community members who attend, work or live near school sites are in a safe toxic-free environment. CSS was an early advocate for the retrofit or replacement of diesel school buses and spearheaded the most stringent pesticide policy in nation for schools. To date, CSS has provided direct assistance to millions of California school children, parents, teachers, school districts, and school employees, and members of the public, especially in environmental justice communities, through protective environmental health policies, legislation, and programs.

Port of Long Beach's Academy of Global Logistics at Cabrillo High School

The Port of Long Beach Academy of Global Logistics (AGL) at Cabrillo High School is a unique real-world educational experience for students on air quality, logistics, and zero-emissions technology. AGL combines academic curriculum with industry-relevant training to engage and inspire students living in West Long Beach which is an AB 617 community heavily impacted by air pollution from goods movement. Cabrillo High School senior students participated in the Zero Emissions Transformation Capstone project, where industry experts on zero-emissions presented every other week, and students participated in a field trip to

learn about Port of Long Beach (POLB) operations. In spring 2019, a student group presented their findings to POLB staff, school district representatives and CARB. The program has proven to be a significant incentive for students to learn about air pollution and port operations.

CLEAN AIR BUSINESS LEADERSHIP AWARD

Total Transportation Services, Inc. (TTSI)

TTSI is a 3rd party logistics provider that has pledged to replace 100 percent of their diesel fleet in the Ports of Los Angeles and Long Beach with near-zero emission trucks. These trucks will be fueled with renewable natural gas resulting in a 90 percent reduction in NOx pollution. This steep reduction in air pollution will benefit communities most impacted by the goods movement activities related to the Ports of Los Angeles and Long Beach. In 2008, TTSI ordered 106 clean diesel trucks, totally converting their drayage fleet to "Clean". In the same year, TTSI started operating liquefied natural gas trucks in the Ports of Los Angeles and Long Beach. In 2010, TTSI introduced the world's first Class 8 Fuel Cell Drayage Truck, and has been demonstrating plug-in hybrid, battery electric and fuel cell demonstration technology since 2015.

INNOVATIVE CLEAN AIR TECHNOLOGY Daimler Trucks North America (DTNA)

DTNA is deploying 30 zero-emission, battery-electric powered, Class 6 and Class 8, heavy-duty trucks in the South Coast Air Basin. This project provides immediate emission reductions in environmental justice and AB 617 communities such as West Long Beach, while simultaneously accelerating the development and deployment of several innovative mobile-source air pollution control technologies that have potential for commercialization in the near term. These trucks will displace over 472,000 gallons of diesel fuel use per year, and will reduce nitrogen oxide, reactive organic gases and particulate matter 2.5 emissions in the region by 17.77 tons over 10 years. Operation of these thirty zero-emission units will generate significant volumes of data and information on a multitude of pertinent issues relating to the commercial and operational viability of all-electric heavy-duty trucks.



31ST CLEAN AIR AWARDS - LOS ANGELES, CA



HOW TO FILE AN AIR QUALITY COMPLAINT



By Phone



Online

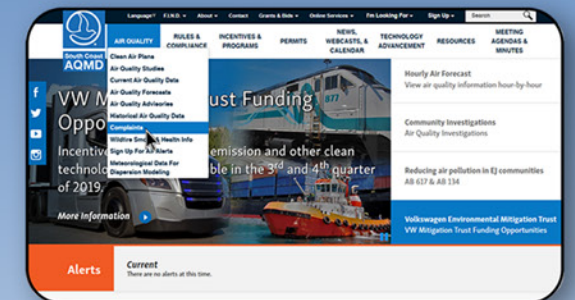
1-800
CUT-SMOG

Call 1-800-CUT-SMOG

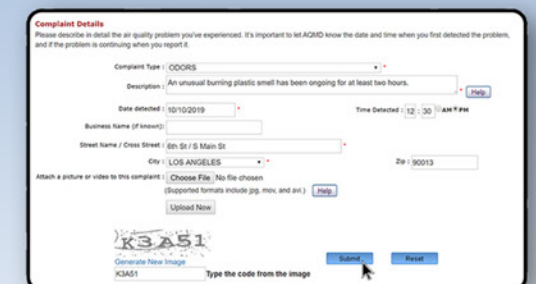


Be ready to provide the following:

- Date & time
- Location (city, cross streets)
- Type of emissions (smoke, dust, etc.)
- Odor (rotten eggs, burned plastic, garlic or other familiar material)
- Suspected source



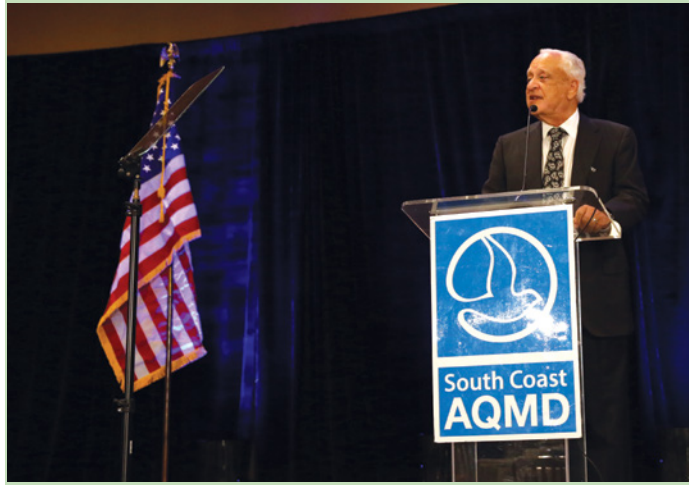
Visit www.AQMD.gov and select **Complaints** under the **Air Quality** tab



Select the **Complaint System** link in the description, fill out the required fields and select **Submit**

During non-business hours, please leave a voicemail and include the above information. Complaints received during business hours are dispatched to an inspector for investigation. The inspector will contact the complainant to obtain any additional information and may meet with the complainant in person to determine the presence of the emission. Following an investigation of the alleged source of the complaint, the inspector may attempt to verify emission and take enforcement action if necessary. The inspector will contact the complainant after the investigation is completed to discuss their findings.

SOUTH COAST AQMD HOSTS FIFTH ANNUAL ENVIRONMENTAL JUSTICE CONFERENCE



It was a packed house on September 12, when South Coast AQMD hosted its fifth annual environmental justice conference, “Building Alliances & Progressive Solutions” at the Center, Cathedral Plaza Los Angeles.

The conference was part of the Environmental Justice Community Partnership program, which aims to strengthen the agency’s relationships with stakeholders in environmental justice communities. Over 300 local residents, environmental justice leaders, academics, business owners, elected officials, and other members of the community participated.

Panels and breakout sessions addressed current issues affecting local communities, and included discussions on how community-focused strategies, like Assembly Bill 17, are changing how disproportionately impacted communities are being addressed. Los Angeles City Councilwoman Nury Martinez delivered the keynote address.

For more information please contact Alicia Rodriguez, Senior Public Information Specialist, at 909-396-2311 or by email at arodriguez@aqmd.gov.

FAITH-BASED LEADERSHIP BREAKFAST AND PANEL TO BE HELD NOVEMBER 7TH

On November 7, South Coast AQMD will host its second Community Faith-Based Leaders Breakfast and Panel Discussion. The intimate event provides a venue for leaders across various religions to come together and learn about air quality. The faith leaders can take the information back to their congregations to share.

According to Fabian Wesson, Public Advisor for the South Coast AQMD, “By sharing air quality information with faith-based leaders, they can educate their congregations and communities. We have to get our information out to where people are, and if our faith leaders can see a nexus with air quality and quality of life for their members and their message of faith, then that message can spread to more people. Sometimes it’s not just what you are saying, it’s who is saying it.”

The breakfast will also be an opportunity for the faith leaders to share with the agency the concerns of their parishioners and air quality health challenges they face.

For more information, contact Cristina Lopez at 909-396-2114 or clopez@aqmd.gov .

BUSINESSES ENCOURAGED TO “GO GREEN, DRIVE CLEAN” TO SOCAL WORK TRUCK SHOW

South Coast AQMD cosponsored the SoCal Work Truck Show held October 3-6, 2019 at the Anaheim Convention Center. The event showcased the latest in Class 1-6 trucks. South Coast AQMD’s exhibit included Daimler’s eM2 electric truck, Roush’s near-zero propane powered F-650 and SEA Electric’s Class 5 eTruck, as well as commercial-grade electric lawn and garden equipment. Staff launched the “Go Green, Drive Clean” messaging at the show to promote the various incentive programs available to help fleets and businesses transition to cleaner fuels. For more on the Go Green, Drive Clean initiative, please visit <https://socialworktruckshow.com/go-green-drive-clean>.



2019 NATIONAL DRIVE ELECTRIC WEEK



On September 21, 2019 in conjunction with the EV Association of Southern California, South Coast AQMD hosted the 7th Annual Electric Drive Week event. More than 27 electric vehicles (EV) and nearly 90 EV vehicles were driven by attendees. The event drew over 250 people, many of whom took part in Ride & Drives hosted by Chrysler, Jaguar and other manufacturers. Attendees visited information booths and heard from speakers from South Coast AQMD, the Center for Sustainable Energy, Beard Electric and Plug In America.

Topics included:

- Rebates and tax credits
- Charging infrastructure
- Electric school bus deployment
- Clean Fuels program vehicle development and demonstration examples
- HOV stickers
- Incentive and rebate programs

For more information on incentives & programs, please visit www.aqmd.gov/programs.

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 South Coast AQMD's website at aqmd.gov/home/library/meeting-agendas-minutes and check the Rule and Control Measure Forecast item on the most recent Governing Board meeting agenda, or call the Clerk of the Board's Office at (909) 396-2500.

Copies of South Coast AQMD rules and regulations can be downloaded from the website at aqmd.gov/rulesreg.html or obtained from the Public Information Center at (909) 396-2039.

November

Proposed Amended Rule 1110.2: Emissions from Stationary Internal Combustion Engines

Proposed Amended Rule 1110.2 will update the NOx emission standard to reflect Best Available Retrofit Control Technology for RECLAIM and non-RECLAIM facilities. Proposed Rule 1110.2 will also establish an ammonia emission limit for pollution controls with ammonia emissions, and update monitoring, reporting, and recordkeeping requirements. Contact Michael Morris at mmorris@aqmd.gov or (909) 396-3282.

December

Proposed Amended Rule 1100: Implementation Schedule for NOx Facilities

Proposed Amended Rule 1100 will establish the implementation schedule for NOx RECLAIM facilities that are transitioning to command-and-control. Contact Michael Morris at mmorris@aqmd.gov or (909) 396-3282.

Rule 1480: Ambient Monitoring and Sampling of Metal Toxic Air Contaminants

Proposed Rule 1480 requires certain facilities with metal toxic air contaminant to conduct ambient monitoring and sampling if they meet specific criteria. The proposed rule includes an alternative provision that allows an operator to pay the South Coast AQMD to conduct ambient monitoring and sampling and provisions to reduce and cease monitoring and sampling when specific criteria are met. Contact: Jillian Wong, jwong1@aqmd.gov, (909) 396-3176.

NA: Airports MOU/Potential Regulation

The proposed MOUs with the marine ports and commercial airports will implement the facility-based mobile source measures MOB-01 and MOB-04 from the 2016 AQMP. If an agreement is not reached for an MOU approach with the ports or airports, staff will pursue a regulatory approach. Contact: Zorik Pirveysian, zpirveysian@aqmd.gov, (909) 396-2431.

1st /2nd Quarter 2020

102: Definition of Terms

Proposed amendments to Rule 102 to add or revise definitions in order to support amendments to other Regulations XI rules. Contact: Michael Krause, mkrause@aqmd.gov, (909) 396-3244.

Rule 218: Continuous Emission Monitoring

Rule 218.1: Continuous Emission Monitoring Performance Specifications
Proposed Amended Rule 218 will revise provisions for continuous emission monitoring systems for facilities exiting RECLAIM and transitioning to a command-and-control regulatory structure. Contact: Michael Krause, mkrause@aqmd.gov, (909) 396-2706.

Rule 1109: Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries Rule 1109.1: Reduction of Emissions of Oxides of Nitrogen from Refinery Equipment

Rule 1109 is proposed to be rescinded. Proposed Rule 1109.1 will establish NOx emission limits to reflect Best Available Retrofit Control Technology for NOx emitting equipment at petroleum refineries and related operations, and update monitoring, reporting, and recordkeeping requirements. Contact: Michael Krause at mkrause@aqmd.gov or (909) 396-2706.

Rule 1117: Emissions of Oxides of Nitrogen from Glass Melting Furnaces

Proposed Amended Rule 1117 will establish NOx emission limits to reflect Best Available Retrofit Control Technology for glass melting furnaces and will apply to RECLAIM and non-RECLAIM facilities. Contact: Michael Morris, mmorris@aqmd.gov, (909) 396-3282.

Rule 1142: Marine Tank Vessel Operations

Proposed Amended Rule 1142 will further address VOC emissions from marine tank vessel operations and provide clarifications. Contact: David De Boer, ddeboer@aqmd.gov, (909) 396-2329.

Rule 1100: Implementation Schedule for NOx Facilities

Proposed Amended Rule 1100 will establish the implementation schedule for Rule 1147 and 1147.1 equipment at NOx RECLAIM facilities that are transitioning to command-and-control. Contact: Michael Krause, mkrause@aqmd.gov, (909) 396-2706.

Rule 1147: NOx Reductions from Miscellaneous Sources

Rule 1147.2: NOx Reductions from Metal Melting and Heat Treating Furnaces

Proposed Rule 1147.2 will establish NOx emission limits to reflect Best Available Retrofit Control Technology for metal melting and heat treating furnaces and will apply to RECLAIM and non-RECLAIM facilities. Proposed Amended Rule 1147 will remove equipment that will be regulated under Proposed Rule 1147.2. Contact: Michael Morris, mmorris@aqmd.gov, (909) 396-3282.

Rule 1147: NOx Reductions from Miscellaneous Sources

Rule 1147.1: NOx Reductions from Large Miscellaneous Combustion

Proposed Rule 1147.1 will establish NOx emission limits to reflect Best Available Retrofit Control Technology for large miscellaneous combustion sources and will apply to RECLAIM and non-RECLAIM facilities. Proposed Amended Rule 1147 will remove equipment that will be regulated under Proposed Rule 1147.1. Contact: Michael Krause, mkrause@aqmd.gov, (909) 396-2706.

Rule 1147: NOx Reductions from Miscellaneous Sources

Rule 1147.3 NOx Reductions for Equipment at Aggregate Facilities

Proposed Rule 1147.3 will establish NOx emission limits to reflect Best Available Retrofit Control Technology for NOx equipment at aggregate facilities and will apply to RECLAIM and non-RECLAIM facilities. Proposed Amended Rule 1147 will remove equipment that will be regulated under Proposed Rule 1147.3. Contact: Michael Krause, mkrause@aqmd.gov, (909) 396-2706.

Rule 1150.3: NOx Emission Reduction from Combustion Equipment at Landfills

Proposed Rule 1150.3 will establish NOx emission limits for boilers, process heaters, furnaces, and engines to reflect Best Available Retrofit Control Technology at landfills. The proposed rule will also include implementation schedules and monitoring, recordkeeping, and reporting requirements. Contact: Michael Morris, mmorris@aqmd.gov, (909) 396-3282.

Rule 1179.1: NOx Emission Reduction from Combustion Equipment at Publicly Owned Treatment Work Facilities

Proposed Rule 1179.1 will establish NOx emission limits for boilers, process heaters, furnaces, and engines to reflect Best Available Retrofit Control Technology at publicly owned treatment works; and include implementation schedules and monitoring, recordkeeping, and reporting requirements. Contact: Michael Morris, mmorris@aqmd.gov, (909) 396-3282.

Rule 1403: Asbestos Emissions from Demolition/Renovation Activities

Proposed Amended Rule 1403 will enhance implementation, improve rule enforceability, and align provisions with the applicable U.S. EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) and other state and local requirements as necessary. Contact: David De Boer, ddeboer@aqmd.gov, (909) 396-2329.

Rule 1426: Reduction of Toxic Air Contaminants from Metal Finishing Operations

Proposed amendments to Rule 1426 will establish requirements to reduce nickel, cadmium, hexavalent chromium, and other air toxics from plating operations; and establish requirements to control point source and fugitive toxic air contaminant emissions. Contact: Jillian Wong, jwong1@aqmd.gov, (909) 396-3176.

Rule 1435: Control of Emissions from Metal Heat Treating Processes

Proposed Rule 1435 will establish requirements to reduce point source and fugitive toxic air contaminants including hexavalent chromium emissions from heat treating processes; and will include monitoring, reporting, and recordkeeping requirements. Contact: Jillian Wong, jwong1@aqmd.gov, (909) 396-3176.

Reg. XIII: New Source Review Reg. XX: RECLAIM

Proposed Amendments to Regulation XIII will revise New Source Review provisions to address facilities that are transitioning from RECLAIM to a command-and-control regulatory structure. Staff may be proposing a new rule within Regulation XIII to address offsets for facilities that transition out of RECLAIM. Proposed Amendments to Regulation XX also are needed to coordinate amendments to Regulation XIII. Contact: Michael Morris, mmorris@aqmd.gov, (909) 396-3282.

Reg. XXIII: Facility-Based Mobile Sources

Proposed rules within Regulation XXIII would reduce emissions from indirect sources (e.g., mobile sources that visit facilities); and would reduce emissions from warehouses and distribution centers, consistent with Control Measure MOB-03 from the 2016 AQMP. Contact: Ian MacMillan, imacmillan@aqmd.gov, (909) 396-3244.

N/A: Ports MOU/Potential Regulations

The proposed MOUs with the marine ports will implement the facility based mobile source measures MOB-01 from the 2016 AQMP. In the event that an agreement is not reached for an MOU approach with the ports staff will pursue a regulatory approach. Contact: Zorik Pirveysian, zpirveysian@aqmd.gov, (909) 396-2431.

Briefly...

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

• Every third Wednesday of the month: January through November.
This class is held at South Coast AQMD'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. No classes are held in December. Visit <http://www.aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust> (click "south coast" near the top of the page) for class and registration information. To register, e-mail dustcontrol@aqmd.gov or call toll-free 1-866-861-3878.

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

• Every third Thursday of the month: January through November.
This course is held from 1:00 p.m. to 4:30 p.m. at the Coachella Valley Association of Governments, Room 115, 73-710 Fred Waring Dr., Palm Desert, CA 92260. There is no fee. Pre-registration is required and walk-in registrations are not allowed. No classes are held in December. Visit <http://www.aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust> (and click on "Coachella Valley" near the top of the page) for class and registration information. To register, email dustcontrol@aqmd.gov or call toll-free 1-866-861-3878.

Rule 461 – Gasoline Transfer and Dispensing Training

Daily Maintenance Inspection
Periodic Compliance Inspection
Vapor Recovery System Tester Orientation
• No Classes Scheduled
Classes are held at South Coast AQMD 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 <https://www.aqmd.gov/home/rules-compliance/compliance/gasoline-dispensing2/rule-461-classes-for-class-and-registration-information>. Contact Rule 461 Assistance at (909) 396-3546. Or email Rule461assistance@aqmd.gov for additional information.

Rule 463 & Rule 1178 – Certified Person Compliance Assistance Class

• No Classes Scheduled (TBD 1st Quarter 2020)
This class is held at South Coast AQMD's Diamond Bar Headquarters in Room CC6 from 8:00 a.m. to 5:30 p.m. The registration fee is \$85 per person and is payable by cash or check to South Coast AQMD prior to the start of class at the cashier located in the lobby. Proof of payment and California Driver's License/ID Card are required to attend classes. Pre-registration is preferred prior to attend this training. However, walk-in registrations are welcome provided that the 80 person capacity of the venue is not exceeded. Visit <http://www.aqmd.gov/home/programs/business/training-463-1178-certified-person> for class and registration information. Or contact Valerie Zurita at (909) 396-2406 or vzurita@aqmd.gov.

Rule Compliance Promotion Classes

Rule 1403 – Asbestos Demolition and Renovation Compliance Training

• December 18, 2019
• January and February 2020 (dates TBD, visit website)
Classes are held at South Coast AQMD's Diamond Bar Headquarters in Room CC6 from 8:00 a.m. to 3:00 p.m. Registration fee is \$91.47 per person. Pre-registration is required, and walk-in registrations are not allowed. Visit aqmd.gov/home/programs/business/training-1403-asbestos-demolition. Contact Jamie Higley Sellers via email at jsellers@aqmd.gov or call (909) 396-2338 for more information and to register.

Rule 1469 Hexavalent Chromium Training Certification

• November 21, 2019
Classes are held at South Coast AQMD's Diamond Bar Headquarters in Room GB from 8:00 a.m. to 1:00 p.m. Registration fee is \$36.31 per person. Pre-registration is required, and walk-in registrations are not allowed. Visit aqmd.gov/home/programs/business/training-1469-hexavalent-chromium. Contact Jamie Sellers via email at jsellers@aqmd.gov or call (909) 396-2338 for more information and to register.

Rule 1176 Sumps & Wastewater Separator Inspector Certification Training

• No Classes Scheduled
Classes are held at South Coast AQMD's Diamond Bar Headquarters in Room CC6 from 8:00 a.m. to 12:00 p.m. each day. Registration fee is \$65.69 per person. Submit payment either with cash, check or money order (payable to South Coast AQMD) to our Cashier (located in the lobby) upon arrival. Pre-registration is preferred prior to attending this training. However, walk-in registration is welcome provided that the 80 person capacity of the venue is not exceeded. Visit: <http://www.aqmd.gov/home/programs/business/training-1176-sumps-wastewater-separator-for-class-and-registration-information>. Contact Paul Caballero via email at pcaballero@aqmd.gov or call (909) 396-7002 for more information and to register.

Rule 2202 - Employee Transportation Coordinator (ETC) Training

• November 7, South Coast AQMD Headquarters, Diamond Bar
• November 21, Five Points by Sheraton, Culver City
• December 5, South Coast AQMD Headquarters, Diamond Bar
Classes are held from 8:00 a.m. to 5:00 p.m. each day. Registration fee is \$189.73 per person. Enrollment is limited. Pre-registration is required and walk-in registrations are not allowed. More information, Contact ETC Coordinator, 909-396-3309. Visit aqmd.gov/home/programs/business/training-2202-etc-for-class-and-registration-information. To register, e-mail etctraining@aqmd.gov or call (909) 396-2777.



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ADVISOR

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