

August / September 2023 • Volume 30 • Issue 4

WILDFIRES AND HOW CALIFORNIANS CAN PREPARE FOR SMOKY SKIES

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Register Now for Programs that Teach Elementary, Middle and High School Students About Air Quality Page 2



REGISTER NOW FOR PROGRAMS THAT TEACH ELEMENTARY, MIDDLE AND HIGH SCHOOL STUDENTS ABOUT AIR QUALITY

outh Coast AQMD's air quality education programs have begun • accepting registrations for the 2023-24 school year. The Clean Air Program for Elementary Students (CAPES) is designed for K-6th grade and Why Healthy Air Matters Program (WHAM) is for middle and high school students. These education programs aim to increase awareness of air quality issues and empower youth to make environmentally- conscious decisions during a time when they are developing and forming their own habits. CAPES offers exciting videos with students' favorite TV stars and an air quality curriculum which aligns with Next Generation Science Standards (NGSS). WHAM features virtual guest speakers, educational videos and an NGSS-aligned air quality curriculum with hands-on experiments. Both programs host fun and engaging virtual and in-person events throughout

the year where students can hear from South Coast AQMD experts on ways they can be clean air heroes and about careers they can pursue within the environmental field. Youth organizations, groups and clubs are also eligible to participate. CAPES and WHAM have been received positively by students and teachers alike, with over 58,000 students participating since 2019.

I love the program! I want to implement WHAM with all my students every year. *I think it's highly relevant* to the students and provides *instruction in an explorative* and interesting manner. --Emily Debaca, teacher at Rodia High School

Thank you for the interactive presentation. My students were very excited to have more awareness on air quality and how they can make a difference. --Pauline Martinez, teacher at

Windrows Elementary School

For more information and to register your class for the upcoming 2023-24 school year for CAPES or WHAM, contact Iliana Garcia at igarcia@aqmd. gov or call (909) 396-2420.

SOUTH COAST AOMD WELCOMES SUMMER GOVERNING BOARD INTERNS



This June, South Coast AQMD welcomed 27 college students to work alongside air quality professionals **L** as part of its Governing Board Summer Internship Program. Throughout the summer, interns participate in a variety of educational experiences in the field of environmental and air quality stewardship, including outreach initiatives, city council meetings, field visits, working alongside supervisors implementing AB 617, permitting, rule development and information management. South Coast AQMD also provides unique opportunities for interns to participate in lab tours, community events, and special programs like our elementary, middle and high school air quality education programs.

Although interns observe a great deal of behind-the-scenes work, they also receive plenty of hands-on experience. Over the course of the eight-week program, they receive a wellrounded education on how South Coast AQMD cleans up one of the most challenging air districts in the United States.

More information on a summer internship at the South Coast AQMD can be found at: aqmd.gov/careers/governing-boardsummer-internship

RESIDENTS CAN RECEIVE UP TO \$12,000 FOR UPGRADING TO AN ELECTRIC VEHICLE

t their June 2nd meeting, the South Coast AQMD Governing Board approved \$40 million in funds from the California Air Resources Board for the Replace Your Ride Program. Eligible participants can receive up to \$12,000 per voucher later this fall; an increase from the current amount of \$9,500. These funds



can be used to purchase a newer, more fuel-efficient vehicle at reduced cost, in exchange for retiring their older gas or dieselpowered vehicle.

Applicants can also choose to scrap their older vehicle in exchange for a voucher that can be used for an electric bike, car sharing or public transportation passes.

Since the program's inception, South Coast AQMD has provided over \$77 million in funding and replaced over 9,700

SOUTH COAST AQMD DEVELOPS THE NATION'S **FIRST LABORATORY TESTING PROTOCOL FOR VOC SENSORS**

outh Coast AQMD recently adopted a first-in-the-Conventional VOC monitoring relies on methods that are nation testing protocol for low-cost Volatile Organic time consuming, labor intensive and expensive to operate, Compounds (VOC) sensors. The new protocol is now including calibration, sampling, sample storage, separation, available to assist other air quality agencies, researchers, and laboratory analysis. and sensor manufacturers to produce more accurate, reliable conditions for VOC sensors in laboratory settings. VOC sensors can be deployed more rapidly and easily than

Major sources of VOCs in urban areas come from vehicle emissions, gasoline evaporation, and industrial sources. VOCs include a wide variety of chemical families including aliphatic hydrocarbons (alkanes), carbonyls (such as formaldehyde, acetaldehyde), aromatic hydrocarbons (such as benzene, toluene, xylene), and halogenated hydrocarbons (tetrachloroethylene).

conditions of relative humidity, temperature, method With recent advancements in sensor technology, the emergence of "low-cost" VOC sensors can offer faster, more cost-effective air quality monitoring. However, there procedures. is a lack of approved performance procedures that can properly evaluate the sensors accuracy. So, as the nation's All data collected, documentation developed, and testing premier air quality management agency, South Coast results obtained from laboratory testing of VOC sensors AQMD developed its own thoroughly researched, detailed project are organized and posted online at testing protocol. www.aqmd.gov/aq-spec.



older passenger vehicles with newer fuel-efficient vehicles, e-Bikes and transportation vouchers which have resulted in a reduction of 27 tons of nitrogen oxides (NOx), 1.5 tons of particulate matter (PM) and 37,193 tons of greenhouse gas emissions annually. More than 90 percent of the vouchers have been issued to low-income participants residing in disadvantaged communities.

To be eligible for the program, applicants must:

- Not exceed household income requirements based on family size and federal poverty rates
- Own the vehicle for at least 12 months prior to the date of application submittal
- Clear any liens from the vehicle title
- Turn in their older gas- or diesel-powered car for scrapping
- For a full list of requirements and to apply for free, please visit ReplaceYourRide.com and select the "Get Started" tab. If you are interested in applying, please determine your eligibility, or call (844) 797-2223 for further information.

conventional regulatory grade equipment for specific nearsource, fence-line and indoor monitoring applications. The results can provide a better understanding of levels of VOC emitted locally, as well as provide faster feedback to the public.

The testing protocol outlines procedures South Coast AQMD is following for evaluating the performance of commercially available VOC sensors including chamber detection limit safety measures and setup and installation

SOUTH COAST AQMD UPDATES GUIDELINES FOR AIR POLLUTION CONTROLS

→ outh Coast AQMD's Best Available Control Technology (BACT) program identifies the most effective ways to control air pollution. The agency's BACT team is responsible for the development, implementation and periodic updates to the program's guidelines, which were initially published in 1983.

The guidelines determine BACT for major polluting facilities as well as requirements for more than 130 categories of equipment at non-major polluting facilities. BACT guidelines are updated to reflect the cleanest and most advanced available technologies for permitted equipment to ensure that new, modified and relocated equipment are using the lowest emitting technologies.

The last update was completed in September 2022. The next round of proposed updates is currently underway and is anticipated to be brought to the Governing Board for adoption at the end of 2023. For major polluting facilities, updates are proposed for Tank Truck Loading Racks, Heaters, Linear Generators, Sulfur Recovery Units, Fugitive Emissions at Petroleum Refineries, Boilers, and Gas Turbines. For non-major polluting facilities, a new listing is proposed for Crumb Rubber/Asphalt Oil Blending System.

The BACT Guidelines can be found at http://www.aqmd. gov/home/permits/bact/guidelines. For more information on the BACT program, visit http://www.aqmd.gov/home/ permits/bact.



CARB TO PHASE OUT THE USE OF HEXAVALENT CHROMIUM

n May, the California Air Resources Board (CARB) passed updates to its rules on airborne toxics that will phase out the use of hexavalent chromium from plating and anodizing facilities. Facilities must transition to currently available, less toxic options between 2027 to 2030. Functional platers, where alternatives are being developed have a deadline of 2039. Businesses are required to meet best management practice measures, such as spill prevention and enhanced cleanup of hexavalent chromium by 2024.

After receiving a series of odor complaints from locals, including an elementary school teacher who was alarmed by the number of students and staff dealing with serious illnesses, South Coast AQMD began investigating local sources of emissions in the City of Paramount. Air monitoring data showed elevated levels of nickel and hexavalent chromium at a metal forging facility. The facility implemented measures that substantially reduced nickel levels, however hexavalent chromium levels remained elevated. In response, South Coast

AQMD launched an effort that included extensive monitoring, multi-agency collaboration and community involvement. The monitoring data showed that anodizing facilities in paramount were discovered to have large emissions of hexavalent chromium. Since then, a range of improvements were made by facilities- some voluntary, and more that will continue to result from rule changes.

Hexavalent chromium is a known human carcinogen with no known safe level of exposure. CARB estimates that there are more than 110 permitted facilities in California that use hexavalent chromium. Approximately 70% of the businesses are in Southern California, which is the nation's highest concentration of chrome platers.

For updates on this investigation, please visit http://www. aqmd.gov/home/news-events/community-investigations/ air-monitoring-activities.

SAVE THE DATE FOR SOUTH COAST AQMD'S 9TH ANNUAL EJ CONFERENCE

outh Coast AQMD is excited to announce its 9th Annual Environmental Justice Conference, "Building a Clean Air Future Together." This year's conference will take place in-person at the Riverside Convention Center on Wednesday, September 13, 2023, from 10:00 AM to 1:30 PM. The event will include a plenary session and breakout sessions, providing a great opportunity for meaningful discussions and networking. Breakfast and lunch will be served.

South Coast AQMD hosts this annual conference to increase awareness of environmental justice and air quality issues and to encourage collaboration amongst all who advocate for clean air and healthy, sustainable communities for all.

For more information, please contact Alejandra Vega at 909-396-2264 or avega@aqmd.gov.

CELEBRATE CLEAN AIR WITH THESE UPCOMING EVENTS

International Day of Clean Air - September 7, 2023: The United Nations General Assembly designated the International Day of Clean Air as a reminder that air pollution is one of the greatest risks to our environment and our health. This year's theme of "Together for Clean Air" focuses on the need for stronger partnerships, increased investment and shared responsibility to overcome air pollution. To learn more, visit: https://www.un.org/en/observances/clean-air-day.

National Drive Electric Week - September 22 through October 1, 2023: A nationwide celebration to raise awareness on all-electric and plug-in hybrid cars, trucks and more. Celebrate by attending an electric vehicle demonstration in your area or by joining an online informational session to learn more about the many benefits of driving an all-electric vehicle. For those considering purchasing an environmentally friendly vehicle, visit: https://driveelectricweek.org/.

SAVE THE DATE Annual Environmental Justice Conference **Building a Clean Air Future Together** Wednesday Riverside Free Convention to Center September 13, 2023 3637 5th Street, Attend

10:00 a.m. - 1:30 p.m.

Riverside, CA 92501

Sign-up to receive updates: agmd.gov/sign-up

Stay Connected With Us @SouthCoastAQMD

Clean Air Day - October 4, 2023: Coalition for Clean Air will host the 6th Annual California Clean Air Day to engage California residents in conversations about air pollution and actions they can take to improve air quality. Individuals, children and organizations can pledge to take action such as using public transportation for a day, planting a tree or hosting an event on clean air topics. For more information and to take the pledge, visit https://www.cleanairday.org.

National Walk, Bike & Roll to School Day - October 4, 2023: National Walk, Bike & Roll to School Day is an annual event that involves communities from across the country (and globe!). Not only does this event promote a healthy lifestyle and help reduce air pollution, it can also lead to much needed improvements to sidewalks and pathways in the community. For more information, visit: https://www.walkbiketoschool.org/.

GET TO KNOW SOUTH COAST AQMD - MONITORING & ANALYSIS DIVISION

The South Coast AQMD Monitoring & Analysis Division (MAD) provides air quality information to the public and produces actionable data using state-of-the-art monitoring and laboratory equipment and methods. These efforts provide valuable input to our science, planning, and policy decisions that align with the agency's mission to protect the health of all residents in the South Coast Air Basin.

MAD operates the agency's robust ambient air monitoring network, the Federal enhanced particulate monitoring network and an advanced community air monitoring network with sites near all large major refineries, providing air pollution information in real time on the South Coast AQMD website and mobile app. The division conducts high quality measurements to assess ambient air quality in the South Coast Air Basin at over 37 air monitoring stations. MAD performs thorough chemical analyses in its laboratory, conducts source tests and evaluates low-cost sensors in its world-renowned AQ-SPEC program (http://www.aqmd.gov/aq-spec). The division applies a variety of advanced and customized tools to support multiple special monitoring efforts and investigations that address community concerns and better characterize emissions from various sources. In addition, MAD conducts field measurements and analytical support for South Coast AQMD's incident response program, wildfire response program and community air monitoring in environmental justice areas such as AB 617 communities.

For upcoming projects, MAD is looking to start field activities for two grant proposals that are part of the U.S. EPA "Enhanced Air Quality Monitoring for Communities" program. The first project is to conduct enhanced measurements of PM2.5 chemical composition and size distribution in Wilmington, CA. The second proposal is to conduct community-based air quality monitoring through South Coast AQMD's sensor library program.

AB 617 UPDATE

he AB 617 Program continues to work toward the improvement of air quality and public health in environmental justice communities. The communitybased program brings together residents, health and environmental organizations, government agencies, and other stakeholders to form Community Steering Committees (CSCs) to develop and implement plans to help reduce air pollution.



These plans are known as the Community Emission Reduction Plans (CERPs) and Community Air Monitoring Plans (CAMPs). The CERPs focus on communityidentified air quality priorities and the CAMPs provide strategies for air quality monitoring that are unique to that community. All six communities within the South Coast AQMD jurisdiction are currently in the implementation phase of the CERP and CAMP plans. The Diversity, Equity, and Inclusion (DEI) team created a new initiative called Critical Community Conversations for Purposeful Outreach (C3PO). For the next six months, on the fourth Wednesday of each month, the entire AB 617 team will visit each of the AB 617 communities to network and engage with members of the CSCs within their neighborhoods. Staff will participate in tours facilitated by CSC members to observe the DEI issues and concerns of the community.

Upcoming meetings for each of the CSCs include:

- Wilmington, Carson West Long Beach (WCWLB) August 10, 2-4 p.m.
- San Bernardino, Muscoy (SBM) August 24, 6-8 p.m.
- South Los Angeles (SLA) September 7, 4-6 p.m.
- Southeast Los Angeles (SELA) September 21, 4-6 p.m.
- East Los Angeles, Boyle Heights, West Commerce (ELABHWC) October 5, 4-6 p.m.
- Eastern Coachella Valley (ECV) October 19, 5-7 p.m.

South Coast AQMD will continue to work with CSC members and co-lead organizations throughout the implementation process and will hold quarterly meetings to update the community on the progress of the CERPs and CAMPs. For more information on the AB 617 program or meeting schedules, visit <u>www.aqmd.gov/ab617</u>.

BE A "GREEN PAINTER" BY USING SUPER-COMPLIANT PAINTS DURING PEAK SMOG SEASON

ow VOC and super-compliant paints are manufactured and sold by numerous companies. Low-VOC paint refers to paints that meet the regulatory limits in South Coast AQMD Rule 1113; however, many manufacturers have reformulated to levels well below these limits, including many near-zero VOC paint formulations. South Coast AQMD refers to these paints as "Super-Compliant Architectural Coatings."

Here are some tips on how to be a "Green Painter":

- Use Super-Compliant paints whenever possible. Visit South Coast AQMD's list of <u>Super-Compliant</u> <u>Architectural Coatings</u>.
- If you can't use Super-Compliant paint, avoid painting during peak smog season: July September
- If you can't find one of the Super-Compliant Architectural Coatings included on the South Coast AQMD website, use any of the readily available low- and near-zero VOC paints designed to do the job. Not only is low- and nearzero VOC paint good for air quality, but they also emit little to no odors while being applied.

HOW DOES AIR POLLUTION IN AND AROUND YOUR HOME IMPACT YOUR HEALTH?

Air pollution in and around your home can come from a variety of sources and can cause health problems for you, your family and your neighbors. Here are some tips to minimize how much air pollution you breathe in and around your home.

SMOKING AND VAPING PRODUCTS

Smoke and second-hand smoke from cigarettes, cigars, and pipes contains thousands of chemicals, including PM2.5, benzene, and arsenic.

- Smoking or breathing second-hand smoke can cause very serious health problems, including lung cancer, heart disease, and stroke. Contact your healthcare provider to discuss quitting smoking.
- Vaping products or e-cigarettes also create harmful pollutants and have been linked to serious health effects. These products are very new and the long-term health consequences are not yet known.



- Buy only the paint you need. Visit <u>PaintCare.org</u> to help determine how much paint to buy. PaintCare Inc. is a nonprofit organization established by the American Coatings Association to implement California's Paint Stewardship Law.
- **Recycle leftover paint.** Take any leftover paint to one of the many <u>drop-off sites</u> run by PaintCare, Inc.
- Keep lids closed on all paint containers when not in use to prevent VOC emissions and excessive odors.
- For water-based paints, clean up with water only. Whenever possible, do not rinse the clean-up water down the drain or pour it directly onto the ground or into the storm drain.
- **Recycle** the empty paint can.
- Look for non-solvent containing stripping products.
- Use compliant low-VOC cleaning solvents to clean paint application equipment. Visit South Coast AQMD's list of Clean Air Solvents.
- Keep all paint and solvent-laden rags in sealed containers to prevent VOC emissions.
- Use according to manufacturer's directions.
- Make sure you provide plenty of ventilation when using paint or solvent products.

CLEANING SUPPLIES

Cleaning supplies can contain harmful volatile organic compounds (VOCs), that can irritate the eyes, nose and throat. Some fragrances in cleaning products can trigger asthma symptoms. To limit indoor pollution from cleaning supplies:

- Ensure all chemicals are properly sealed and stored.
- Choose fragrance-free cleaning products.
- Ventilate your home by opening windows and doors when using cleaning products.
- Never mix cleaning supplies, as some combinations can create toxic gases.



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DISCOUNTED ZERO-EMISSION LAWN EQUIPMENT AVAILABLE FOR RESIDENTIAL AND COMMERCIAL LANDSCAPERS AND GARDENERS

The Commercial Electric Lawn and Garden Incentive and Exchange (eL&G) Program is currently open and replaces old gasoline- or diesel-powered commercial lawn and garden equipment with zero-emission, battery-electric technology. Local governments, school districts, nonprofit organizations and commercial gardeners and landscapers within South Coast AQMD's four-county jurisdiction (including Coachella Valley) can participate in the eL&G Program and purchase eligible equipment from participating dealer locations for a point-of-sale discount of up to 85 percent.

Eligible commercial-grade electric lawn and garden equipment includes handheld trimmers, chainsaws, pruners, backpack and

handheld blowers and lawnmowers (including ride-on, stand-on and walk-behind mowers). For additional information, please visit: <u>www.aqmd.gov/lawngarden</u> or contact us via email/phone at lawngarden@aqmd.gov or 888-425-6247 (Tuesday through Friday).

Also, the Residential Electric Lawn Mower Rebate Program is available year-round to residents providing up to \$250 rebates to offset the cost of replacing an older, gasoline lawn mower for a new, battery-powered lawn mower. Rebates are provided on a first-come, first-served basis and destruction of an old gasoline lawn mower is required. For additional information, please visit: www.aqmd.gov/lawnmower.

HIGHLIGHTS FROM RECENT EVENTS

Advanced Clean Transportation (ACT) Conference and Expo –



This year's ACT Conference and Expo was held May 1-4. It showcased the latest in commercial transportation technology providers, products and solutions designed to decarbonize transport and pave the road to a cleaner future. Over 185 low- and zero-emission advanced technology commercial and transportation vehicles were exhibited. The event brought together over 13,000 experts and stakeholders from all transportation sectors to discuss and learn more about clean transportation technologies, electric vehicle charging infrastructure, alternative fuels and energy storage. South Coast AQMD's Executive Officer Wayne Nastri provided opening remarks. pointing out that clean transportation technologies, a robust power grid, infrastructure resiliency, funding and public and private partnerships are very important and needed to transition to zero-emission as quickly as possible. Agency staff moderated a panel discussion on "Economies of Scale – How to Grow an Electric Fleet" which provided perspectives and lessons learned from large scale battery electric Class 8 truck deployments.

Working With Communities Assisted in Home Building Project -



On May 20th, South Coast AOMD's employee volunteer program, Working with Communities, hosted its second Team Build Day in collaboration with Habitat for Humanity (HFH) Orange County. The event was in the city of Santa Ana's Historic French Park District. South Coast AQMD's dedicated volunteers donated their Saturday and their skills to help construct homes intended for moderate-income families eligible for HFH's homeownership program. Tasks included painting, siding installation, and other constructionrelated activities. This volunteer effort marks the sixth successful Working with Communities volunteer event. For additional details about the program and upcoming events, please visit: http:// www.aqmd.gov/home/news-events/ community-events.

South Coast AQMD Partnership Assists Opening of a Large-scale Battery-Electric Truck (BET) Charging Depot in South El Monte -



On June 7, Schneider National Inc. and JETSI project partners hosted a ribbon cutting event to kick off the start of their BETs deployment and 4,900-squarefoot state-of-the-art charging hub. The site will allow up to 32 trucks to charge simultaneously. By year's end, Schneider National Inc. will have nearly 100 Freightliner eCascadias operating from their South El Monte facility, including the 50 funded through the JETSI project. JETSI is a private-public partnership with support coming from state and local agencies including CARB, California Energy Commission, Mobile Source Air Pollution Reduction Review Committee (MSRC), South Coast AQMD, and the San Pedro Bay Ports, to increase the number of zero emission heavy-duty trucks on the roads. For more information on the JETSI project, visit https://www.jetsiproject.com/.

WILDFIRES IN CANADA LEAD TO POOR AIR QUALITY IN THE EASTERN U.S. & HOW CALIFORNIANS CAN PREPARE FOR SMOKY SKIES

anadians are no stranger to summertime wildfires, previous record of two million acres. While smoke impacts but the scale and intensity this early in the season in 2021 and 2022 were not as widespread, South Coast ✓ has been unprecedented. At the end of June, nearly AQMD encourages residents to prepare. Wildfire smoke 20 million acres have burned across Canada with two more is a health risk for everyone, but older adults, children, peak wildfire months to go. The intense smoke has led to pregnant women and people with heart or lung disease extremely poor air quality across the Eastern U.S in cities (such as asthma) may be especially sensitive to health risks such as Washington D.C., Philadelphia, Chicago and New from wildfire smoke. York. Classes were canceled, hospitals saw an increase in asthma cases, and people were urged to mask up with high Download the South Coast AQMD mobile app to view quality respirators and stay indoors. real-time and forecasted air quality at www.aqmd.gov/

asthma cases, and people were urged to mask up with high quality respirators and stay indoors. Southern California residents may remember the 2020 wildfire season when large portions of the Southland experienced multiple days of poor air quality with over four million acres burned throughout the state, doubling the

AFTER A WILDFIRE - SAFE CLEAN-UP WHEN CLEANING UP ASH:



Wear a tight-fitting disposable respirator (N-95 or P-100).



Mist lightly with water and then sweep gently with a broom or wet mop.

Wash off ash from vehicles and outdoor toys.



Direct ash-filled water to ground areas and away from the storm drains. Don't use leaf blowers!

Take precautions when cleaning up ash from wildfires. Ash particles are usually bigger than smoke particles, but can still cause health problems. People with heart or lung diseases, older adults, children, and pregnant women should use special caution around ash.



CLEAN AIR PROGRAM FOR ELEMENTARY SCHOOLS
- MA

Rearrange the letters to fir	nd the correct word!
AGNEW BYRLE RENEE	
GOMS	
LLARIO PLUTON	
PACES	
EOTGMTROSILOE	
ALIC NEAR	
ADEL INQUIRY TAXI	

ANAGRAM

<u>SMOG</u>

Air pollution that can be seen in the sky around us.

ENVIRONMENT

The surroundings we live in.

METEOROLOGIST

A job that studies local weather patterns and air movements.

AIR POLLUTION

It lowers the quality of air and makes it harder to breathe the oxygen.

AIR QUALITY INDEX

Provides information about daily levels of air pollution. **RENEWABLE ENERGY** Energy that comes from sources that nature

will replace.

CLEAN AIR

Air that is healthy to breathe.

CAPES

Clean Air Program for Elementary Students.

DO ONE THING FOR CLEAN AIR



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 www.aqmd.gov/

Copies of South Coast AQMD rules and regulations can be downloaded from the website at www.agmd.gov/home/rules-compliance/rules/scagmd-rule-book or obtained from the Public Information Center at (909) 396-2039.

AUGUST

Rule 1153.1: Emissions of **Oxides of Nitrogen from Commercial Food Ovens** Proposed Amended Rule 1153.1 will establish NOx BARCT limits and expand the applicability to **RECLAIM and former RECLAIM** facilities for commercial food ovens. The Proposed Amended Rule will require zero-emission limits for smaller ovens. Contact: Heather Farr at

hfarr@agmd.gov or (909)-396-3672.

Rule 2202 On-Road Motor Vehicle Mitigation Options

Proposed Amended Rule 2202 will require limited new reporting from large employers already covered by the existing rule, and the new reporting will inform potential new rule amendments to address employee commute emissions. **Contact Vicki White at**

vwhite@agmd.gov or (909) 396-3436

SEPTEMBER

Rule 1111: Reduction of NOx **Emissions from Natural-Gas-**Fired, Fan-Type Central Furnaces

Proposed Amended Rule 1111 will address an upcoming compliance date for mobile home furnaces. Contact: Heather Farr at HFarr@agmd.gov or (909)-396-3672

Rule 1178: Further Reductions of VOC Emissions from Storage **Tanks at Petroleum Facilities** Proposed Amended Rule 1178 will incorporate the use of more advanced early leak detection methods and improve leak detection and repair programs for storage tanks along with potential control technologies to further reduce VOC emissions. Contact: Michael Morris at mmorris@agmd.gov or (909) 396-3282

OCTOBER

Rule 1405: Control of Ethylene Oxide Emissions from **Sterilization and Related** Operations

Amendments needed to address ethylene oxide emissions from sterilization of medical equipment. Contact Kalam Cheung at kcheung@agmd.gov or (909) 396-3281

NOVEMBER

1146.2: Emissions of Oxides of Nitrogen from Large Water **Heaters and Small Boilers and Process Heaters**

Proposed Amended Rule 1146.2 will update the NOx emission limits to reflect BARCT. Other provisions may be added to facilitate the deployment of zero-emission units regulated under the proposed amended rule. Contact: Heather Farr at HFarr@agmd.gov or (909) 396-3672

Forecast item on the most recent Governing Board meeting agenda, or call the Clerk of the Board's Office at (909) 396-2500.

Rule 1180: Major Petroleum Refinery Fenceline and Community Air Monitoring

Rule 1180 will be amended to consider expanding the target list of compounds to include compounds identified in the OEHHA's updated priority list published in 2019. Contact: Heather Farr at HFarr@aqmd.gov or (909)-396-3672

Rule 1180.1: Other Refinerv **Fenceline and Community** Monitoring

Proposed Rule 1180.1 will establish fenceline and community monitoring requirements for nonpetroleum refineries and facilities that are not currently included in Rule 1180 – Refinery Fenceline and Community Air Monitoring. Contact: Heather Farr at

HFarr@agmd.gov or (909) 396-3672

DECEMBER

Rule 1135: Emissions of Oxides of Nitrogen from Electricity **Generating Facilities**

Proposed Amended Rule 1135 will modify provisions for electricity generating units at Santa Catalina Island to reflect a revised BARCT assessment. Contact: Michael Morris at

mmorris@agmd.gov or (909) 396-3282

Rule 2304: Marine Port Indirect Source Rule

Proposed Rule 2304 will establish requirements to reduce emissions from indirect sources related to marine ports. Contact: Elaine Shen at eshen@agmd.gov or

(909) 396-2715

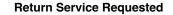
Rule 2306: New Intermodal **Railyard Indirect Source Rule**

Proposed Rule 2306 will establish requirements for new intermodal railvards to minimize emissions from indirect sources associated with new railvards. Contact Elaine Shen at eshen@agmd.gov or (909) 396-2715



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UPCOMING COMPLIANCE CLASSES

Classes are conducted online via Zoom. Preregistration is required. Class schedules are subject to change.

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

• Every third Wednesday of the month, January through November This half-day course is presented via Zoom Meeting from 9:00 a.m. to 11:30 a.m. There is no fee.

Visit <u>http://www.aqmd.gov/home/programs/</u> <u>business/training-403-403-1-fugitive-dust</u>. To register, e-mail <u>dustcontrol@aqmd.gov</u> or fax request to (909) 396-2608.

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

• Every third Thursday of the month, January through November, 1:00 p.m. to 4:30 p.m. There is no fee.

Visit <u>http://www.aqmd.gov/home/programs/</u> <u>business/training-403-403-1-fugitive-dust</u> for class and registration information. To register, email <u>dustcontrol@aqmd.gov</u>.

Rule 461 – Gasoline Transfer and Dispensing Training

Daily Maintenance Inspection – Registration Fees: \$187.11 • Coming Dates TBD Periodic Compliance Inspection – Registration Fees: \$204.78 • Coming Dates TBD Vapor Recovery System Tester Orientation – Registration Fees: \$194.69 • Coming Dates TBD The Zoom Cloud Meetings app must be installed on your device or Google Chrome must be used as the web browser to connect to and attend the class. Check-in time is 8:00 a.m. to 8:30 a.m.

Visit <u>https://www.aqmd.gov/home/</u> rules-compliance/compliance/gasoline-<u>dispensing2/rule-461-classes</u> for class and registration information. Contact Rule 461 Assistance at (909) 396-3546. or email <u>Rule461assistance@aqmd.gov</u> for additional information.

Rule 1403 – Asbestos Demolition and Renovation Compliance Training

October 11, 2023 (fee to be determined)
December 6, 2023 (fee to be determined)
This half-day class, from 8:00 a.m. to 1:00
p.m., will be conducted via webinar (including standard phone access for those without access to a computer or smart phone).
Registration is required. The fee is \$101.83 per person.

Visit <u>http://www.aqmd.gov/home/programs/</u> <u>business/training-1403-asbestos-demolition</u> to register or contact the Asbestos Hotline at (909) 396-2336 for more information.

Rule 1469 – Hexavalent Chromium Training Certification • 2023 Dates TBD

This half-day course is presented via Zoom Webinar from 8:30 a.m. to 12:30 p.m. Preregistration is required. The class fee is \$40.41 per person, due prior to the date of the class. The Zoom Cloud Meetings app must be installed on your device or Google Chrome must be used as the web browser to connect and attend the class.

To register and for fee information, visit <u>http://www.aqmd.gov/home/programs/business/training-1469-hexavalent-chromium</u> or call (909) 396-2338 for more information.

Rule 2202 - Employee Transportation Coordinator (ETC) Training

• Coming Dates TBD Each class is two days in length (Tuesday and Thursday). Classes are conducted online via Zoom from 9:00 a.m. to 11:30 a.m. Registration fee is \$211.16 per person. Enrollment is limited. Early registration is recommended.

For more information, contact the ETC Coordinator at (909) 396-2777, or visit http://www.aqmd.gov/home/programs/ business/training-2202-etc. To register, e-mail etctraining@aqmd.gov or call (909) 396-2777.

Advisor

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