



Advisor

August / September 2020 • Volume 27 • Issue 4

SunLine Transit Set to Complete Nation's Largest On-Site Hydrogen Generating Fueling Station

Page 6

4th of July Fireworks Celebrations Lead to Highest PM2.5 Levels in Over a Decade

Page 3

AB617 Virtual Community Meetings

Page 4

Volvo LIGHTS Electric VNR Truck

Page 6



We stand with our Black colleagues, partners and the entire Black Community in the wake of the horrific murder of George Floyd. This is not a new battle. Black men and women have been fighting for equality and basic human rights for generations, and we cannot begin to understand the amount of anger, fear, frustration and grief that they face every day.

At the same time, we are inspired by the millions of people across the country making history by peacefully protesting racism and injustice, raising their voices to call for positive and lasting change. These past weeks have shown us that this is not just a moment, but a real movement. Peaceful demonstrations do evoke action. There is power in unity.

In our work, we have seen firsthand how Black communities, as well as other communities of color have not experienced equal treatment in all areas of life, including environmental protection. And while South Coast AQMD has strived to provide a place where voices could be heard, there is so much more we can, and must, do.

Moving forward, we will strive to build stronger bridges with and between our communities, break down barriers that prevent diverse voices from effectively participating to address inequalities and encourage greater community conversations and ideas that can help us learn and grow. We know that we must listen to those that have been ignored and marginalized because of their skin color. Without them, we can't truly be impactful.

We will continue to use our voices to support the Black Community and all communities of color until there is real change.

Black Lives Matter.

This statement was issued by South Coast AQMD on June 12, 2020



4TH OF JULY FIREWORKS CELEBRATIONS LEAD TO HIGHEST PM2.5 LEVELS IN OVER A DECADE

Data from South Coast AQMD's monitors found that air quality in the South Coast Basin was substantially worse during the 2020 Independence Day weekend than any year in the last decade. Based on video footage and the cancellation of most large public events, it is likely that a combination of increased use of personal "backyard" fireworks and stagnant air led to trapped air pollution that lingered for longer than usual.

Overall average concentrations of fine particulate matter (PM2.5) in the Basin were 70 percent higher than previous years between 7 p.m. on July 4th to 7 a.m. July 5th. Monitors picked up an even greater increase in the maximum

hourly measurements of PM2.5, with the highest concentrations detected at the Central Los Angeles, North Hollywood and Anaheim stations. Some instruments were found to have so much particulate matter residue on them that it resulted in readings so high the data could not be properly validated.

During the overnight and early morning hours of July 4th-5th, air quality reached Very Unhealthy and even Hazardous levels in portions of Los Angeles and Orange counties.

Fireworks are known to emit high levels of particulate matter (PM2.5 and PM10) as well as metal air

pollutants, all of which can contribute to negative health effects. Breathing fine particulate matter can lead to a wide variety of cardiovascular and respiratory health effects such as heart attacks, asthma aggravation, decreased lung function, coughing, or difficulty breathing and may lead to premature death in people with heart or lung disease.

Visit our Independence Day Weekend Air Quality page for charts and information on the heavy metals and other pollutants that impacted our air quality: <http://www.aqmd.gov/home/air-quality/air-quality-studies/special-monitoring/independence-day-fireworks>



JOIN US VIRTUALLY FOR THE 6TH ANNUAL ENVIRONMENTAL JUSTICE CONFERENCE ON OCTOBER 28

South Coast AQMD's 6th Annual Environmental Justice Conference, will be on Thursday, October 28. For the first time, the conference will be hosted virtually due to the COVID-19 pandemic. This year's theme **A New Era of Environmental Justice: Our Community Survival**, has never been as timely. The health, economic, and social effects from COVID-19 are exacerbated in environmental justice communities. Despite these challenges, the fight for environmental justice continues.

The conference encourages collaboration between community members, environmental justice leaders, policymakers, health professionals, and business owners to address pressing environmental and public health issues. The speakers and breakout session panelists will provide resources and information, including creating meaningful steps to influence air quality policy and environmental justice issues.

For more information, contact Alicia Rodriguez at 909-396-2311 or arodriguez1@aqmd.gov.

AB 617 VIRTUAL COMMUNITY STEERING COMMITTEE MEETINGS & LEGISLATIVE UPDATE

Since May, Assembly Bill 617 (AB 617) Community Steering Committee (CSC) meetings have been conducted via Zoom webinars. A list of upcoming AB 617 CSC meetings is in the table below. Meeting links and dial-in numbers are provided to the public in advance of each meeting. Spanish interpretation is also available for each meeting.

Until further notice, CSC meetings will continue virtually for the five AB 617 communities of:

- Eastern Coachella Valley
- East Los Angeles/Boyle Heights/West Commerce
- San Bernardino/Muscoy
- Southeast Los Angeles
- Wilmington/Carson/West Long Beach

These ongoing meetings provide an opportunity for the communities to receive updates and give input on the development and implementation of Community Air Monitoring Plans (CAMP) and Community Emissions Reduction Plans (CERP).

South Coast AQMD has also been active in legislative efforts to seek continued funding for AB 617. On June 29, the Governor signed a \$202.1 billion state budget and associated trailer bills. Due to the pandemic, the budget was based on an assumed \$54.3 billion deficit, which triggered the challenge of trying to fund priority programs with substantially reduced resources. After extensive educational efforts by South Coast AQMD and other stakeholders, statewide funding for air districts for AB 617 Program implementation was secured at \$50 million this year, the same level for each of the past two years.

In previous years, AB 617 funding was derived from the Greenhouse Gas Reduction Fund (GGRF), which depends on the proceeds from cap-and-trade auctions. This year, the funding comes from the Air Pollution Control Fund, which does not depend on such auctions. The decision as to how much AB 617 incentive funding, which derives from the GGRF, that air districts will receive this legislative year, has not yet been resolved.

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

Upcoming AB 617 Community Steering Committee Virtual Meetings:

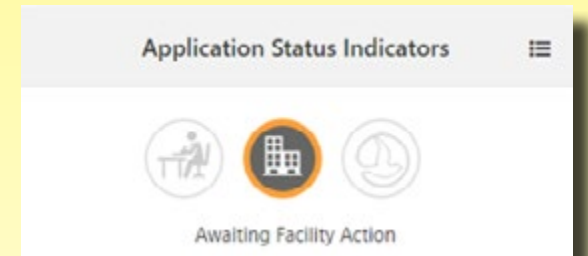
AUGUST

Thurs, 8/13, 2-4pm	Wilmington, Carson, West Long Beach (WCWLB) Quarterly CSC Meeting
Wed, 8/19, 4-6pm	East Los Angeles, Boyle Heights, West Commerce (ELABHWC) Quarterly CSC Meeting
Thurs, 8/20, 6-8pm	San Bernardino, Muscoy (SBM) Quarterly CSC Meeting
Wed, 8/26, 4-6pm	Eastern Coachella Valley (ECV) CSC Meeting
Thurs, 8/27, 4-6pm	Southeast Los Angeles (SELA) CSC Metal Processing / Green Spaces Workshop & Meeting

SEPTEMBER

Thurs, 9/17, 4-6pm	Southeast Los Angeles (SELA) CSC Rendering / General Industrial Facilities Workshop & Meeting
Thurs, 9/24, 4-6 pm	Eastern Coachella Valley (ECV) CSC Meeting

SOUTH COAST AQMD UNVEILS ONLINE TOOL TO TRACK PERMIT APPLICATIONS



In May, South Coast AQMD unveiled a new online Permit Application tracking tool where businesses and organizations can now track submitted permit applications from start to finish. South Coast AQMD is one of the first air agencies in California to provide an online tool that provides this type of information clearly and easily to the public.

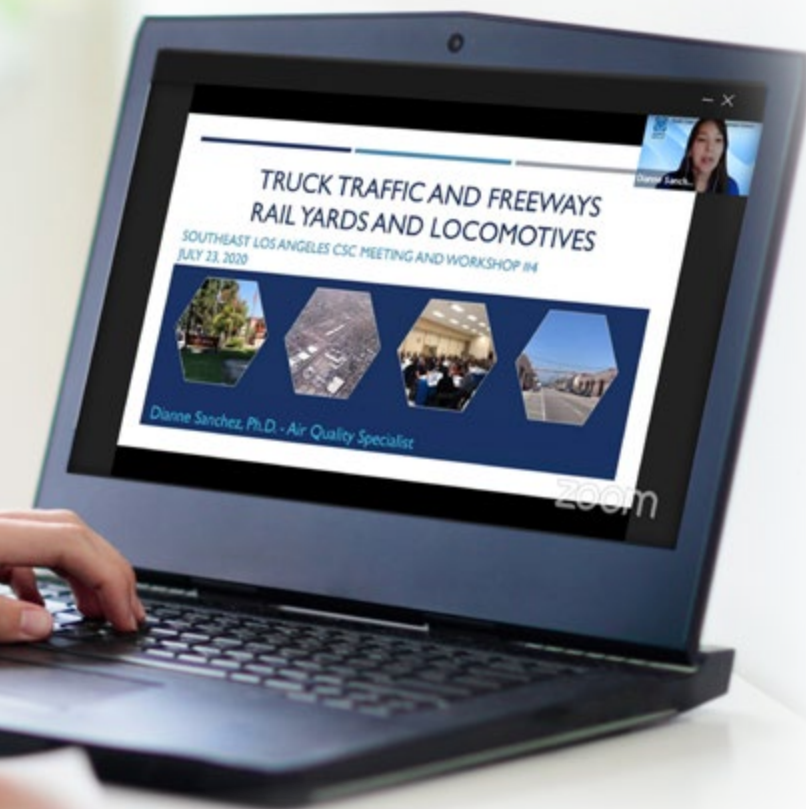
Once a permit application is submitted, applicants and the public can check its current status, as well as additional details including:

- A full timeline of the permit process from start to finish;
- If information or action is still needed from the facility such as data, reports, fees, or source tests; and,
- If the permit is being processed or has triggered additional evaluation steps from South Coast AQMD.

The new online tool is being integrated into South Coast AQMD's existing Facility Information Detail (FIND) system where the public can search for information about regulated facilities.

This is the latest action in South Coast AQMD's ongoing efforts to streamline its permitting process and reduce its permit application inventory. In 2016, more than 7,000 permitting applications awaited processing. Since then, South Coast AQMD has slashed its inventory in half to the lowest levels in over three decades.

More information regarding the new tool and instructions on its use can be accessed on South Coast AQMD's Permits page at www.aqmd.gov/home/permits.



South Coast Air Quality Management District

Commercial Electric

Lawn & Garden EQUIPMENT

Incentive & Exchange Program

Find your local **Participating Dealer** location by visiting:

www.aqmd.gov/lawnmower

South Coast AQMD has two programs that help clean the air through the replacement of gasoline-powered residential lawn mowers and commercial lawn and garden equipment. For more information visit: www.aqmd.gov/lawnmower.

SUNLINE TRANSIT SET TO COMPLETE NATION'S LARGEST ON-SITE HYDROGEN GENERATING FUELING STATION

The SunLine Transit Agency will soon have the largest on-site generating hydrogen fueling station in the nation when it completes construction this August. The new state-of-the-art station, which has been operating at partial capacity since its unveiling in April 2019, will have a hydrogen fueling capacity of up to 900 kilograms per day and fuel buses in under 10 minutes.

SunLine is a transit operator that provides bus service throughout the Coachella Valley and the Downtown Riverside area. The agency has been at the forefront of alternative fuels for nearly three decades, introducing natural gas buses into its fleet in 1993 and hydrogen fuel cell technology in 2000.

Currently about 25 percent of SunLine's fleet uses zero-emission technology including 16 hydrogen fuel cell buses and four plug-in battery electric buses. With the completion of the station, SunLine plans to add additional hydrogen fuel cell buses before the end of the year by utilizing its Bus Replacement Program, California's Volkswagen Mitigation Trust and other grant and funding opportunities.

Most of SunLine's heavy-duty bus fleet is expected to make a transition to zero-emission technology by 2030, with the goal of shifting the agency's remaining buses to zero emissions by 2035.

In late April, SunLine unveiled two newly wrapped hydrogen fuel cell buses with the hashtag #CoachellaValleyStrong on the side as a thank you to essential workers in the area working tirelessly during the COVID-19 pandemic.

For more information on SunLine Transit's Clean Fleet, please visit www.SunLine.org/alternative-fuels/clean-fleet.



VOLVO LIGHTS DEPLOYS FIRST ELECTRIC VNR TRUCK MODEL



Volvo has taken a major technological step toward the future of heavy-duty electric trucks.

In June, Volvo deployed its first electric VNR truck as part of the Volvo LIGHTS (Low Impact Green Heavy Transport Solutions) program. South Coast AQMD administered funding and collaborated with Volvo, along with 13 other organizations to bring about this breakthrough moment in battery-electric truck technology.

The first truck is being operated by TEC Equipment to deliver parts between its dealerships in Fontana and La Mirada. NFI Industries and Dependable Supply Chain Services will also begin demonstrating the pilot Volvo VNR Electric trucks in their regional routes later this summer.

Volvo LIGHTS has also partnered with local colleges including Rio Hondo College and San Bernardino Valley College (SBVC) to create electric vehicle repair and service technician programs to assist the region's labor force in working with battery-electric freight trucks. Curriculums have been developed and classes are expected to begin this fall.

Volvo plans to obtain certification from the California Air Resources Board of its Class 8 battery electric truck for sale in California in 2020, which would enable fleets to apply for funding through the Volkswagen (VW) Settlement for Zero-Emission Class 8 Freight and Port Drayage Trucks. The first installment of the VW settlement funding for zero-emission trucks is \$27 million and went before the Board on August 7, 2020 for approval. Applications for this funding will open beginning August 18, 2020. More information can be found at: www.aqmd.gov/vw.

To learn more about the Volvo LIGHTS project, visit www.lightsproject.com.

FUNDING AVAILABLE FOR SMALL FLEETS TO PURCHASE NEW LOW-NOX TRUCKS

South Coast AQMD's Voucher Incentive Program (VIP) provides funding for small fleet operators (10 or fewer trucks), up to \$60,000 per truck for replacing a Pre-2010, high-polluting Class 5 through Class 8 trucks with a newer, lower-emission trucks meeting the 0.20 nitrogen oxide (NOx) standard.

There is now an additional "Plus Up" option available with co-funding from the Mobile Source Air Pollution Reduction Review Committee. With the "Plus Up" option, applicants

choosing a replacement truck that meets the 0.02 NOx level or cleaner can qualify for a total voucher amount of up to \$100,000. Trucks certified at the lower level are 90 percent cleaner than the current standards.

Funding is available on a first-come first-served basis until funds have been exhausted. Interested participants can apply for VIP funding through one of the approved VIP dealers.

Class	Gross Vehicle Weight (lbs.)	VIP Max Voucher for 0.20 NOx Level	MSRC "Plus Up" for 0.02 NOx Level	Total Potential Voucher for Low-NOx Option
5	14,001 – 19,500	\$30,000	\$30,000	\$60,000
6	19,501 – 26,000	\$40,000	\$40,000	\$80,000
7	26,001 – 33,000	\$40,000	\$60,000	\$100,000
8	>33,000	\$60,000	\$40,000	\$100,000

\$27 MILLION NOW AVAILABLE FOR CLASS 8 TRUCK REPLACEMENTS IN CALIFORNIA

On August 7, South Coast AQMD released a statewide funding opportunity offering \$27 million in California Volkswagen Environmental Mitigation Trust funds to replace older, in-use Class 8 trucks, including freight, drayage, waste haulers, dump and concrete mixers, with zero emission battery-electric or hydrogen fuel cell trucks. The Program Announcement (#PA2021-01) is on a first come, first served basis until all funds have been used. To be eligible for funding, truck owners must demonstrate, at a minimum, one year of

ownership, 75 percent operation within California and compliance with applicable state rules and regulations. The older existing truck must be scrapped. Applications may only be submitted online.

For more information, visit: www.aqmd.gov/vw.



Baseline Equipment Category	Baseline Technology	Replacement Technology	Project Type	Ownership Category	Maximum Percentage (%) of Funding (of cost)	Maximum Funding Up To
Class 8 Freight Trucks (including drayage trucks, waste haulers, dump trucks, & concrete mixers)	Engine Model Years 2012 or older*	Zero-Emission	Replacement	Non-Government	75%	\$200,000
				Government	100%	

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.



WOODSMOKE

Woodsmoke contains fine particulate matter (PM2.5) and other air pollutants that can cause health problems in the lungs, heart, and the brain. Limit breathing in woodsmoke by:

- **Avoiding burning wood** in your fireplace, fire pit, or wood stove.
- From November to February, wood burning may be prohibited on days when poor air quality is forecasted. Be sure to **Check Before You Burn** at www.aqmd.gov/cbyb.



COOKING SMOKE

Smoke from cooking and BBQ grills can smell nice but can cause high levels of air pollution, especially in areas with not enough ventilation. Here are some tips to reduce the amount of smoke you breathe:

- **Use a range hood** to vent smoke and cook on the back burners.
- Use an **exhaust fan, air purifier, and/or open your windows and doors** when cooking indoors.
- Prevent charring when BBQing by flipping meat often. Cook more veggies or leaner meats on the grill.



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.



OUTDOOR AIR POLLUTION

It's important to also be aware of the outdoor air quality near your home. Smog, PM2.5 and other pollutants can cause many different health problems. Check your outdoor air quality and plan your outdoor activities when air quality is cleaner.

- Download the South Coast AQMD smartphone app at www.aqmd.gov/mobileapp to check real-time air quality and the forecast for your area.
- Visit www.aqmd.gov/aqimap for real-time air quality and www.aqmd.gov/forecast for daily and hourly forecasts.
- Visit www.aqmd.gov/advisory to sign up for and view air quality advisories.



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.



REPLACE YOUR RIDE PROGRAM HELPS RESIDENTS BUY LESS-POLLUTING VEHICLES OR GET TRANSPORTATION VOUCHERS



Since 2015, the South Coast AQMD has administered the Replace Your Ride Program - aimed at replacing older vehicles with cleaner and zero emission vehicles. The program is funded in part by the California Climate Investments, a statewide initiative putting cap-and-trade dollars to work reducing greenhouse gas emissions.

Under the program, eligible participants can receive up to \$9,500 for scrapping an older vehicle and replacing it with the cleanest advanced technology vehicle. The program also offers an incentive of up to \$2,000 towards the purchase and installation of a vehicle charger if the participants purchased a Plug-in Hybrid or Battery Electric Vehicle through the program. Instead of a replacement vehicle, participants can also opt for the Alternative Mobility Option, where a voucher of up to \$7,500 may be used for public bus or rail transportation.

Low-income residents that live in an environmentally disadvantaged area and are purchasing a Plug-in Hybrid or Zero Emission vehicle would receive the highest incentive amount. The incentive amount is the same if the participant chooses a used vehicle, if the used vehicle is eight years old or newer. Applicants may be able to stack incentives by purchasing a new vehicle that qualifies for a rebate through the Clean Vehicle Rebate Project (CVRP).

In order to qualify for the program, participants must:

- Reside within the South Coast AQMD's jurisdiction,
- Meet income requirements, and
- Retire an eligible vehicle.

Participants can apply for free at www.replaceyourride.com. Once applications are submitted, case managers will work closely with applicants to collect all necessary documentation and ensure eligibility. Due to the popularity and requirements of the program, the process can take up to four months to complete.

For more information, please visit www.replaceyourride.com, or email info@replaceyourride.com. Bilingual assistance is available.

Helpful Clean Air Vehicle Links:

- Clean Vehicle Rebate Program (CVRP): <https://cleanvehiclerebate.org/eng/eligible-vehicles>
- U.S. EPA Fuel Economy Comparison: <https://www.fueleconomy.gov/>

REDUCE VEHICLE EMISSIONS: CAR FREE DAY & DRIVE ELECTRIC WEEK



South Coast AQMD would like to acknowledge World Car Free Day and Drive Electric Week. World Car Free Day will be celebrated on September 22 and Drive Electric Week will be observed from September 26 - October 4.

Car Free Day is an international challenge to commuters that encourages use of public transit, biking, or walking instead of driving. This year, due to COVID-19 many are teleworking, which is also a great way to be car-free. For more information on the world car-free movement, visit <https://www.worldcarfree.net>.

Drive Electric Week is a nationwide celebration of plug-in vehicles, whether all-electric or plug-in hybrid models. Recent gains in technology have reduced the cost of plug-in electric vehicles, which now include cars, trucks, motorcycles, and more.

In the past, South Coast AQMD, in association with the Electric Vehicle Association of Southern California (EVAOSC) has hosted a public Drive Electric Day Event in the parking lot at our headquarters facility in Diamond Bar, California. Hydrogen-fueled fuel cell electric vehicles were also included as part of past Drive Electric Day events. This year, amid the COVID-19 pandemic, South Coast AQMD staff are considering a virtual Drive Electric Day Event in conjunction with EVAOSC.

For more information on Drive Electric Week, please visit www.driveelectricweek.org.

PROTECT YOUR FAMILY'S HEALTH DURING WILDFIRE SEASON

While wildfires can happen year-round, they are more prevalent in the summer and fall in Southern California. When wildfires strike, take precautions to protect your family's health. For more information, visit our Wildfire Smoke & Ash Health & Safety Tips page at <http://www.aqmd.gov/home/air-quality/wildfire-health-info-smoke-tips>.

How can wildfire smoke affect my health?



• Irritated Eyes



• Chest pain
• Inflammation
• Irregular heartbeat
• Heart failure



• Difficulty breathing
• Bronchitis
• Wheezing
• Cough

Who is most sensitive to wildfire smoke?

Pregnant Women

People with Heart Disease

Older Adults

People with Asthma or Other Lung Diseases

Children

How can I protect myself and my family?

LIMIT HOW MUCH SMOKE YOU INHALE

- **Remain indoors with windows and doors closed, or seek alternate shelter if possible.**
- **Avoid intense physical activity.**
- **Run your air conditioner if you have one. Make sure it has a clean filter and that it's set on "recirculate" mode.**
- **Use an air purifier.**
- **Avoid using a whole house fan/swamp cooler to prevent bring additional smoke inside.**

How can I get air quality updates?



Download the South Coast AQMD app for real time air quality information in your area



Follow South Coast AQMD air quality advisories at aqmd.gov/advisory



Check current air quality conditions at aqmd.gov/aqimap or sign up for air quality alerts at airalerts.org



***Do not rely on dust masks for protection:** People who must be outside for extended periods of time in smoky air may benefit from using a **N95** or **P100** filtering facepiece to help reduce their exposure. More information on how to select and use a proper respirator from the California Department of Public Health.

SOUTH COAST AQMD CONTINUES VIRTUAL PUBLIC MEETINGS DURING COVID-19

In response to the COVID-19 pandemic, South Coast AQMD continues to find ways to remain nimble and accessible in its operations and public meetings. Although the South Coast AQMD Headquarters building will remain closed to the public until further notice, public meetings are being held virtually to maintain public participation while adhering to social distancing guidelines.

Governing Board and committee meetings can be accessed through Zoom teleconferencing on a desktop

or laptop computer, tablet, smartphone or by telephone line. A Zoom webinar link and dial-in number is provided for each remote meeting with instructions on how to participate. Attendees can participate during public comment period by virtually raising their hands through the Zoom application or dialing *9 on their keypad to signal they wish to comment.

Instructions for participation can be found on meeting agendas posted to South Coast AQMD's Meeting Agendas & Minutes page at: www.aqmd.gov/home/news-events/meeting-

[agendas-minutes](http://www.aqmd.gov/home/news-events/meeting-).

For information on upcoming remote meetings, as well as updates on postponements and cancellations, please visit South Coast AQMD's calendar page at: http://www.aqmd.gov/home/news-events/calendar_v2 or by downloading our South Coast AQMD smartphone app.

For operational updates and changes, stay up to date by visiting South Coast AQMD's COVID-19 page at: www.aqmd.gov/covid-19.

IN MEMORIAM

Dennis Hansberger



South Coast AQMD mourns the loss of former Governing Board member Dennis Hansberger, of Redlands, who passed away in May at the age of 78. Hansberger was a member of the Board from 1977 to 1980. He served as the representative for the County of San Bernardino.

As a founding member of the Governing Board, Hansberger served at a time when there were more than 100 Stage 1 smog alerts each year. The programs and regulations the Board has enacted have proven effective, as there hasn't been a Stage 1 episode since 2003.

In other leadership roles, Hansberger served on the San Bernardino County Board of Supervisors from 1972 to 1980, and again from 1996 to 2008, where he served two terms as Chairman of the Board of Supervisors. Additionally, he served as President of the Southern California Association of Governments and chaired the IEHP Board of Directors where he fought for quality healthcare for the underserved. He also created a consulting firm specializing in land-use planning, public policy, and mining and mineral resources.

MARIAN COLEMAN RETIRES AFTER 34 YEARS OF SERVICE, TERRENCE MANN PROMOTED TO DEO

After 34 years of service to South Coast AQMD, Marian Coleman retired in May as Deputy Executive Officer (DEO) for the Office of Compliance & Enforcement (OCE). Marian joined the agency as an Air Quality Inspector in 1986 and progressed up through the supervisory and managerial ranks until becoming DEO in 2018. Marian's career is highlighted by her development of a robust inspection program to implement the state's Portable Equipment Registration Program. She also demonstrated a tremendous commitment to the agency's clean air mission and, through her leadership, made significant improvements to OCE by embracing the use of technology and promoting excellent customer service from all members of her team.



Terrence Mann, previously OCE's Assistant Deputy Executive Officer, has been promoted to DEO. Terrence joined South Coast AQMD in 2018. Before that he worked for over a decade as a federal prosecutor with the U.S. Attorney's Office for the Central District of California. Terrence prosecuted many cases involving criminal street gangs, fraudulent organized crime groups, and online child predators. Prior to his federal service, Terrence was a litigation partner in the Los Angeles office of the law firm McDermott Will & Emery, where he worked on complex civil matters and supervised internal corporate investigations. He has an undergraduate degree, magna cum laude, in history from Harvard University and a law degree from the UCLA School of Law.



Hal Bernson



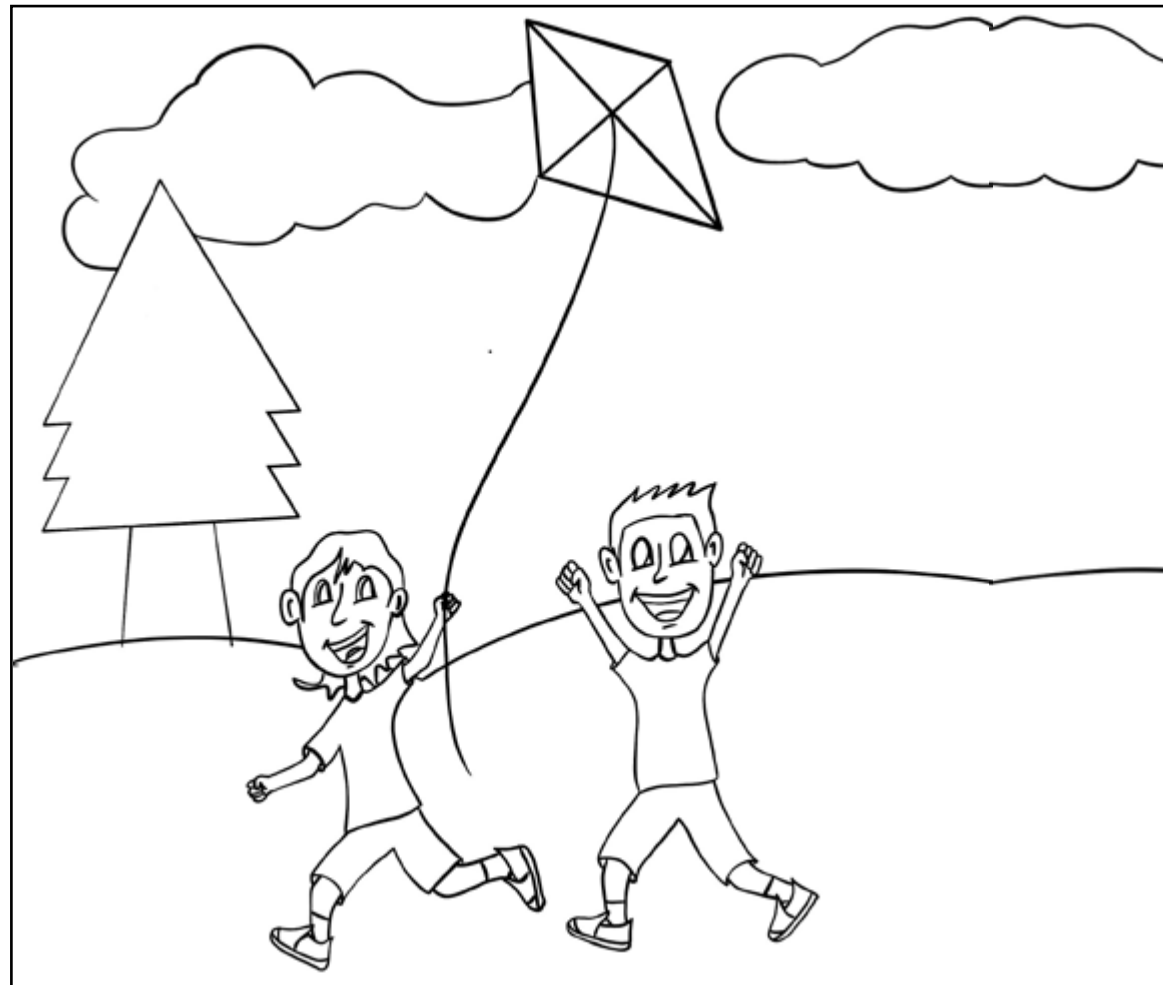
South Coast AQMD mourns the loss of former Governing Board Member Hal Bernson, who passed away on July 20 at the age of 89. Bernson was a member of the Governing Board from 1999 to 2003 where he represented the Western Region of the Cities of Los Angeles. He also served as a founding director on the agency's Brain & Lung Tumor and Air Pollution Foundation.

During Bernson's term at the South Coast AQMD, the Governing Board released the landmark Multiple Air Toxics Exposure Study, MATES II, which helped quantify the exposure risk from sources of air toxic contaminants in the South Coast region. Also during his tenure, the Board enacted regulation and incentive funding to phase out the

use of the cancer-causing chemical perchloroethylene by dry cleaners; and adopted the Clean On-Road School Buses measure, aimed at converting the region's 8,800 diesel-fueled buses to cleaner-fueled models.

In other local leadership roles, Bernson was the 12th District representative on the Los Angeles City Council for 24 years. As chairman of the city's planning and land-use management committee, he earned the name "Mr. Earthquake" for his dedication to earthquake preparedness. He also took special interest in transportation and planning issues and served as a board member of the L.A. County Metropolitan Transit Authority, and the Southern California Regional Rail Authority.

Kids, have your parents print this page for a Clean Air image you can color and keep.



AIR QUALITY WORD SEARCH

- AIR
- BREATHE
- DUST
- EMISSIONS
- ENERGY
- ENVIRONMENT
- HEALTH
- HYDROGEN
- LUNGS
- OZONE
- PERMITS
- POLLUTION
- RECYCLE
- SMOG
- SMOKE
- SUSTAINABLE

Q	G	B	S	P	I	B	E	A	F	V	K	E	M	F	I	T	Z	G	X	K	Z
G	Q	Q	O	U	Q	X	M	R	V	J	O	E	H	D	T	Z	Q	N	I	H	T
O	Q	T	N	I	S	Z	W	R	G	N	I	U	O	G	M	T	I	F	I	Q	P
Q	N	H	N	M	L	U	M	N	E	V	N	J	R	H	T	L	A	E	H	I	X
H	U	P	Y	L	F	L	S	R	W	C	C	Q	Q	M	X	T	Y	Q	N	F	J
Q	W	P	R	B	D	S	U	T	R	B	Y	X	Y	U	A	S	X	U	J	T	H
E	H	T	A	E	R	B	G	N	A	O	A	B	Z	F	O	X	O	X	E	O	N
N	A	U	H	L	O	D	R	N	U	I	V	T	R	Y	V	W	V	W	Q	L	E
V	X	F	K	S	I	N	X	L	U	V	N	G	D	K	F	A	V	M	W	R	G
I	G	D	A	Y	S	L	K	V	S	L	R	A	A	H	Y	Z	Y	Z	T	V	O
R	S	I	Q	T	M	I	V	P	P	X	T	M	B	B	O	H	D	U	F	Z	R
O	Y	X	X	F	E	R	O	H	M	N	S	B	C	L	E	F	M	W	Y	K	D
N	T	M	M	D	H	L	I	H	O	B	S	M	O	K	E	V	S	O	I	T	Y
M	F	E	J	E	L	C	Y	C	E	R	L	L	E	O	T	P	E	I	P	M	H
E	D	H	A	U	X	I	M	S	J	T	E	S	B	H	Z	S	U	I	E	G	K
N	L	J	T	X	J	B	I	B	O	E	S	L	U	R	A	I	R	O	R	S	J
T	A	I	J	J	N	I	C	A	F	T	M	H	K	S	I	A	Z	G	M	D	R
Z	O	J	L	N	P	K	P	F	N	H	O	I	F	E	J	G	A	A	I	Y	D
N	Y	D	N	P	O	Z	U	L	G	H	G	Q	S	E	J	M	P	R	T	K	N
P	G	C	L	Z	Z	U	U	U	T	V	Q	F	X	S	C	T	C	S	S	Z	K
N	R	C	M	K	O	T	L	X	S	E	D	P	P	T	I	F	C	Y	L	D	Y
X	E	N	N	M	D	X	V	P	U	E	N	O	Z	O	X	O	K	V	L	C	Q
H	N	G	W	T	A	H	Y	F	D	O	M	W	F	B	H	Y	N	N	U	Y	W
T	E	I	X	P	F	G	U	M	T	B	W	H	H	J	T	N	B	S	S	Q	N

RULE UPDATE

NOTE: To maintain social distancing while integrating public participation in the rulemaking process, staff will be connecting with stakeholders using tele- and videoconferencing. Also, staff will increase the review time of Working Group materials to allow stakeholders additional time to prepare for meetings and better facilitate participation. Lastly, Working Group Meetings will be structured to be shorter in duration to better accommodate the tele- and video-conferencing format. The goal is to move forward with critical and legally required rulemaking activities without sacrificing full public participation.

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/home/meeting-agendas-minutes, 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 www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book or obtained from the Public Information Center at (909) 396-2039.

SEPTEMBER

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

Proposed Amended Rule 1111 will extend the compliance date for weatherized furnaces and furnaces installed at elevations above 4,200 feet above sea level.

Contact: Michael Krause at mkrause@aqmd.gov or (909) 396-2706.

OCTOBER

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

Proposed Rule 1179.1 will establish NOx emission limits for combustion equipment burning biofuels to reflect Best Available Retrofit Control Technology and include monitoring, reporting, and recordkeeping requirements at publicly owned treatment works.

Contact: Michael Morris at mmorris@aqmd.gov, or (909) 396-3282.

NOVEMBER

Rule 1178: Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities

Proposed Amended Rule 1178 will establish provisions for external floating roof tanks that exceed vapor pressure limits.

Contact: Michael Morris at mmorris@aqmd.gov or (909) 396-3282.

DECEMBER

Rule 219: Equipment Not Requiring a Writing Permit Pursuant to Regulation II

Proposed Amended Rule 219 will modify permitting, registration and requirements for mobile fueling operations.

Rule 461: Gasoline Transfer and Dispensing

Proposed Amended Rule 219, 222, and 451 will modify permitting, registration and requirements for mobile fueling operations.

Contact: Jillian Wong at jwong1@aqmd.gov or (909) 396-3176.

Rule 442.1: Usage of Solvent Rule 1107: Coating of Metal Parts and Products

Proposed Amended Rule 442.1 will prohibit the sale, distribution, and application of materials that do not meet the VOC limits specified in Regulation XI rules. Proposed amendments may also be needed to prohibit circumvention of VOC limits in Rules 1107, 1124, 1136, 1145, and 1171.

Rule 1124: Aerospace Assembly and Component Manufacturing Operations Rule 1136: Wood Products Coatings Rule 1145: Plastic, Rubber, Leather, and Glass Coatings Rule 1171: Solvent Cleaning Operations

Proposed Amended Rule 1171 will establish requirements to reduce point source and fugitive toxic air contaminant emissions from chromium alloy metal melting operations.

Contact: Michael Morris at mmorris@aqmd.gov or (909) 396-3282.

Contact: Tracy Goss at tgoss@aqmd.gov, or (909) 396-3106.

Rule 445: NOx Reductions from Miscellaneous Sources

Proposed Amended Rule 445 will include contingency provisions in the event the region fails to attain the ozone federal ambient air quality standards or to meet any reasonable further progress requirements.

Contact: Tracy Goss at tgoss@aqmd.gov, or (909) 396-3106.

Rule 1147: NOx Reductions from Miscellaneous Sources

Proposed Amended Rule 1147 will revise NOx emission limits to reflect Best Available Retrofit Control Technology for miscellaneous combustion sources for and that will apply to RECLAIM and non-RECLAIM facilities.

Contact: Michael Krause at mkrause@aqmd.gov or (909) 396-2706.

Rule 1100: Implementation Schedule for NOx Facilities

Proposed Amended Rule 1100 will establish the implementation schedule for Rule 1147 equipment at NOx RECLAIM and former NOx AQMP/ AB 617.

Contact: Michael Krause at mkrause@aqmd.gov or (909) 396-2706.

Rule 1407.1: Control of Toxic Air Contaminant Emissions from Chromium Alloy Melting Operations

Proposed Amended Rule 1407.1 will establish requirements to reduce point source and fugitive toxic air contaminant emissions from chromium alloy metal melting operations.

Contact: Michael Morris at mmorris@aqmd.gov or (909) 396-3282.

Rule 2202: On-Road Motor Vehicle Mitigation Options

Proposed Amended Rule 2202 will streamline implementation for regulated entities, as well as reduce review and administration time for South Coast AQMD staff. Concepts may include program components to facilitate achieving average vehicle ridership (AVR) targets.

Contact: Carol Gomez at cqomez@aqmd.gov or (909) 396-3264.

Advisor

This bimonthly news publication is produced by South Coast Air Quality Management District's Legislative, Public Affairs and Media Office. South Coast AQMD is the air pollution control agency for Orange County and major portions of Los Angeles, San Bernardino and Riverside counties. *South Coast AQMD does not endorse nor warrant any products, services or companies mentioned in this publication.*

To subscribe or unsubscribe to the print edition, visit our publications webpage at aqmd.gov/home/library/public-information/publications, or email subscriptions@aqmd.gov.

Visit our website at aqmd.gov for news updates and other information.

Be a Green Advisor Subscriber

The South Coast AQMD Advisor is also available online at aqmd.gov/home/library/public-information/publications.

Help save paper and resources by joining the growing number of our Advisor subscribers who have switched from the print edition to the online version. To subscribe, send an email to advisornewsletter@aqmd.gov with 'Green Advisor' as the subject line.



**South Coast
Air Quality Management District**

21865 Copley Drive
Diamond Bar, CA 91765-4178
www.aqmd.gov

South Coast
AQMD



@SouthCoastAQMD

PRSRT STD
US Postage
PAID
City of Industry, CA
Permit No. 4472

Return Service Requested

DO ONE THING FOR CLEAN AIR

DOWNLOAD

SOUTH COAST AQMD'S MOBILE APP

TODAY!

A ONE-STOP APP FOR

- Real-time Air Quality Alerts
- Report a Complaint
- Alternative Fuel Locations
- Weather

■ Visit Our Website: www.aqmd.gov/mobileapp

POINT YOUR CAMERA HERE

■ Visit the App Store

