



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

AGENDA: 12

Advisory Council Selection

**Board of Directors Meeting
July 7, 2021**

**Terri Levels
Director of People and Engagement
tlevels@baaqmd.gov**

Presentation Outcome



Selection of Advisory Council candidates

Presentation Outline



- Review of California Health and Safety Code
- Background on recruitment (June 2020-February 2021)
- Review of interview/selection process
- Board of Directors Selection of Candidates

Presentation Requested Action



Selection of Advisory Councilmembers

Review of California Health and Safety Code



- California Health and Safety Code, Sections 40260-40268:
- Council shall consist of:
 - Air District Board of Directors Chair, who shall serve as an ex-officio member
 - Seven members who shall be skilled and experienced in the fields of air pollution, climate change, or the health impacts of air pollution
 - Members shall be selected to include a diversity of perspectives, expertise, and backgrounds

Review of California Health and Safety Code (cont.)



- California Health and Safety Code, Sections 40260-40268 (cont.):
- Council members shall hold office for a term of two years and until the appointment and qualification of their successor
- Shall meet not less than four times a year

Background on Recruitment



- Positions were posted on the Air District website on June 29, 2020
- Notices were posted on recruiting sites
- Community groups were encouraged to notify qualified individuals
- Air District sent an eblast to over 1,000 interested stakeholders
- Received feedback from Ad Hoc Committee on Equity, Access, and Inclusion and community to recruit more diverse candidates in November 2020
- Air District continued recruiting through the winter, encouraging additional applicants
- Recruitment closed February 2021

Review of Qualified Candidates



- Air District staff completed initial screening of qualifications
- Panel of community advocates completed a screening of qualified candidates and provided rankings
- Board members and community panel completed interviews with 13 candidates in May 2021

Board of Directors Selection of Candidates



- The Interview Panel recommends the following **three incumbents be reappointed** to serve an additional two-year term to the Air District's Advisory Council:
 - Gina M. Solomon, M.D., M.P.H.
 - Michael T. Kleinman, Ph.D.
 - Linda Rudolph, M.D., M.P.H.

Board of Directors Selection of Candidates (cont.)



- The Interview Panel recommends the following **four candidates be appointed** to serve a two-year term to the Air District's Advisory Council:
 - Garima Raheja
 - Adrienne L. Hollis, Ph.D., J.D.
 - Danny Cullenward, Ph.D., J.D.
 - Pallavi Phartiyal, Ph.D., M.S.

Next Steps/Discussion



Questions?



BAY AREA
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AGENDA: 13A

Update on Wildfire Program

**Board of Directors Meeting
July 7, 2021**

**Tracy Lee
Manager, Compliance & Enforcement Division
tracylee@baaqmd.gov**

Outcome



- Seeking funding to “jumpstart” response to Wildfire preparedness at Clear Air Centers across Bay Area

Outline



- 2021 Fire Season Outlook
- Assembly Bill (AB) 836 – Clean Air Centers
 - Bill Description
 - Funding and California Air Resources Board (CARB) Engagement
- Wildfire Preparedness Program
 - Program Overview and Funding Proposal
 - Partnership with Counties and Red Cross
- Requested Action

Requested Action



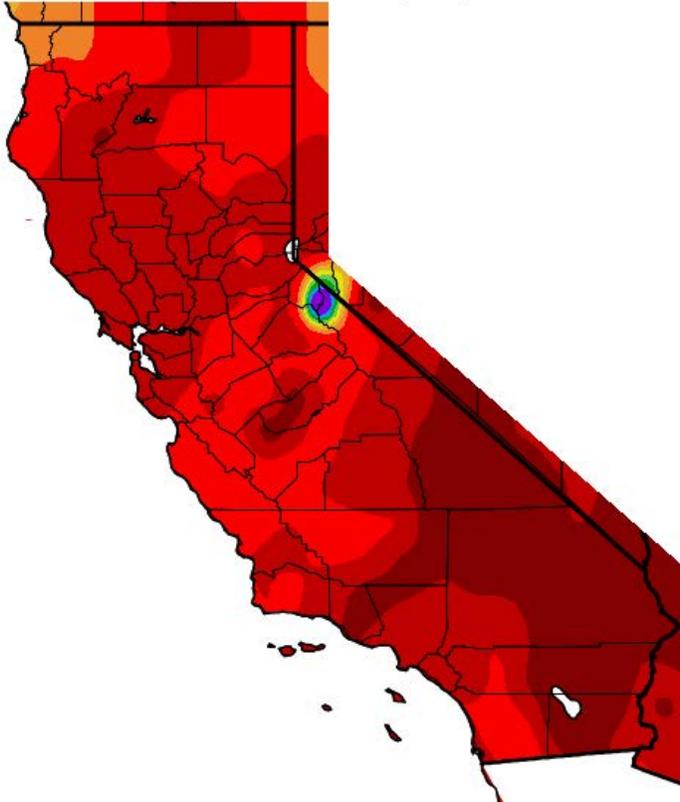
Recommend the Board of Directors:

- Authorize the Executive Officer/APCO to enter into a contract with the CARB not to exceed \$5 million for the purposes of accepting Assembly Bill (AB) 836 funding for Clean Air Centers
- Authorize:
 - That the \$1 million reserve for “Woodsmoke” in the Fiscal Year Ending (FYE) 2022 Budget be redesignated to fund a Wildfire Preparedness Program; and
 - That the Executive Officer/APCO to enter into or expand contracts or agreements with Bay Area Counties and the Red Cross to expend this funding.

2021 Fire Season Outlook



Percent of Average Precipitation (%)
7/1/2020 – 5/27/2021



Generated 5/28/2021 at WRCC using provisional data.
NOAA Regional Climate Centers

Low rainfall in the Bay Area

- 2020-2021 season (as of May 27, 2021): only ~35% of typical rainfall
- 2019-2020 season: 49% of typical rainfall

Potential fuels for fire will be dry earlier in the year

2021 Fire Season Likely to Start Earlier



By July:

Higher risk of wildfire in mid/upper elevations

Sept. – Nov.:

Depends on severity of offshore wind events and when the next rainy season starts

Northern California Geographic Coordination Center

AB 836 – Clean Air Centers



- Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program
 - Retrofit ventilation systems to create a network of clean air centers to mitigate the adverse public health impacts due to wildfires and other smoke events.
 - Eligible: Schools, Community Centers, Senior Centers, Sports centers, Libraries.

AB 836 – Clean Air Centers (cont.)



- CARB guidelines
 - Funding for HVAC retrofits, portable air filtration units and replacement filters
 - Funding to vulnerable populations (i.e. low-income, disadvantaged communities, facilities open for sheltering and evacuation)
 - Selection criteria and funding prioritization (i.e. location of facility, facility capacity, etc.)
 - Program reporting requirements by Air District and grantees

Funding and CARB Engagement



- \$5 million - Funding for AB 836 Clean Air Centers Provided in FYE 2020 California State Budget
- CARB Engagement:
 - **June 2020** – Legislative Officer meets with CARB to explain AB 836
 - **September 2020** - Air District provides program strategies and guidelines
 - **September 2020 – May 2021** - Multiple meetings CARB and CAPCOA
 - **June 2021** – ARB hosts 2 public workshops and releases draft guidelines
 - **July 2021** – ARB plans to send draft contracts and final guidelines
 - *No program funds can be expended prior to a signed contract*
- Funds will likely not be deployed in time for 2021 Wildfire Season

Wildfire Preparedness Program



- Focus on helping in Emergencies
- Deploy portable Air Filters with County Emergency Services and the Red Cross
 - Provide air filtration units to be deployed at evacuation, sheltering and congregate facilities during wildfire events
 - Air District moving in parallel to conduct RFQ for large portable filters
- Redesignate \$1 million woodsmoke reserve for the wildfires program
 - \$100,000 per county for portable filters





Partnerships with Counties and Red Cross



- Discussions with County OES Managers
 - Response overwhelmingly positive
 - Concerns regarding program timeline – **Seeking MOUs by August 1**
 - Internal coordination needed to manage filter storage and deployment
 - Filters will likely be deployed in various locations - evacuation, sheltering and congregation facilities
 - Counties are discussing the logistics and coordination needed; Some counties work with Red Cross and may need to expand existing agreements

Requested Action



Recommend the Board of Directors:

- Authorize the Executive Officer/APCO to enter into a contract with the California Air Resources Board not to exceed \$5 million for the purposes of accepting Assembly Bill 836 funding for Clean Air Centers
- Authorize:
 - That the \$1 million reserve for “Woodsmoke” in the Fiscal Year Ending (FYE) 2022 Budget be redesignated to fund a Wildfire Preparedness Program; and
 - That the Executive Officer/APCO to enter into or expand contracts or agreements with Bay Area Counties and the Red Cross to expend this funding.

Questions



Questions/Feedback



BAY AREA
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AGENDA: 13B

Update on Wildfire Smoke Mask Messaging

**Board of Directors Meeting
July 7, 2021**

**Judith Cutino, DO, PE
Health Officer**

jcutino@baaqmd.gov

Outcome



- Present updated mask messaging

Outline



- Review revised mask messaging

Requested Action



- None – informational presentation

Mask Messaging



Updated Messaging is

- Clear
- Concise
- Consistent with County Health Officers

Mask Messaging (cont.)



Staying indoors with windows and doors closed is the best way to protect your health, if temperatures allow.

- During high heat and heavy smoke events, keep indoor air cool or visit a cleaner air-cooling center.
- If you have a Heating, Ventilation, Air Conditioning (HVAC) system, set air conditioning units and car vent systems to recirculate to prevent outside air from moving inside.
- Consider purchasing a non-ozone producing air purifier (HEPA) to create a cleaner air room in the home or a Minimum Efficiency Reporting Value (MERV) 13 or greater filter for an HVAC system.

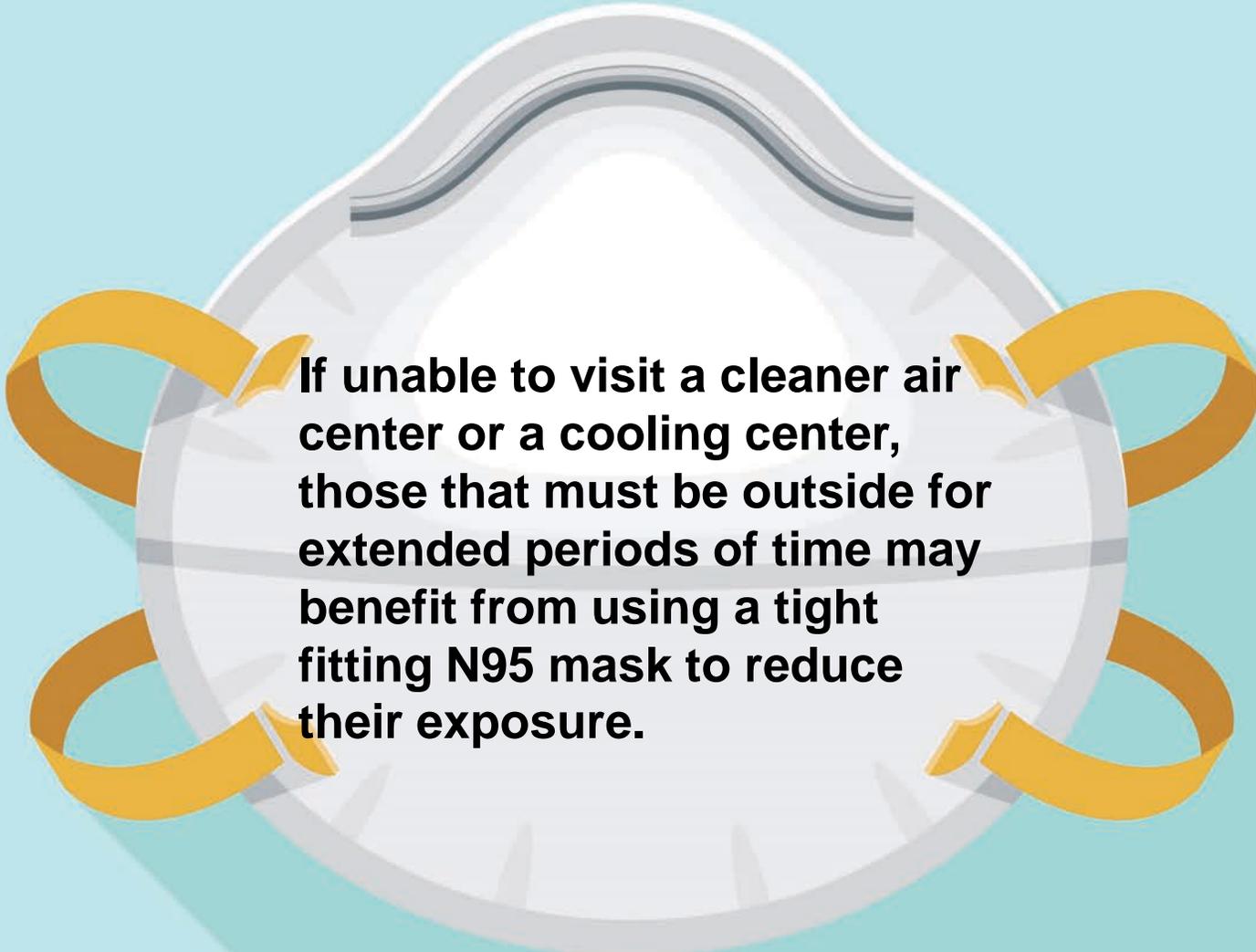
Mask Messaging (cont.)



Masks are not a substitute for staying indoors and must be fitted properly for best protection.

- Masks can provide a false sense of security and may not provide the protection needed.
- Bandanas and typical surgical masks do little to protect against wildfire smoke particles.
- Certified N95 masks are currently not approved for children - new mask guidance for children is currently under consideration.

Mask Messaging (cont.)

A white N95 respirator mask with yellow elastic straps, shown from a slightly elevated perspective. The mask is centered on the slide.

If unable to visit a cleaner air center or a cooling center, those that must be outside for extended periods of time may benefit from using a tight fitting N95 mask to reduce their exposure.

Feedback Requested



Questions / Feedback?



BAY AREA
AIR QUALITY
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AGENDA: 14

James Cary Smith Community Grant Program

**Board of Directors Meeting
July 7, 2021**

**Veronica Eady
Senior Deputy Executive Officer of Policy and Equity
veady@baaqmd.gov**

Outcomes



- Hear updates about the Community Engagement Grant Program and proposed adjustments to make grant funding more accessible and equitable.
- Authorize release of Grant Guidelines and Call for Applications for the Fiscal Year (FY) 2021/2022 James Cary Smith Community Grant Program.

Outline



- Background on Community Engagement Grant Program
- Grant program evaluation findings
- Recommended program adjustments
- Proposed timeline and next steps

Requested Action



- Authorize release of Grant Guidelines and Call for Applications for the FY 2021/2022 James Cary Smith Community Grant Program.

Background



- The Community Engagement Office has offered grant funding to local organizations for over a decade.
 - Supporting community-based solutions that reduce air pollution
 - Expansion in recent years

Current Community Engagement Grant Programs



**James Cary Smith
Grants**



**Community Health
Protection Grants**

Current Community Engagement Grant Programs (cont.)



- Launched in 2016
- Local air quality improvement and education projects
- One-year grants of up to \$25,000
- To date, 42 grants awarded to community-based organizations

Current Community Engagement Grant Programs (cont.)



- Pilot launched in 2019
- Prepare communities to partner with Air District on emissions reduction efforts
- 7 grantees from Assembly Bill (AB) 617 high priority Communities
- \$50,000 each for one year
- Grants extended for an additional year and \$50,000

2021 Grant Program Evaluation



- **Goals:** Learn about what is working and what needs improvement
- **Process:** Focus groups and web-based survey
- **Identified opportunities to:**
 - Improve grant processes
 - Increase access to grant funding
 - Better support impacted communities

Presentation to CEHJ Committee



- **Key Takeaways from June 3, 2021 Community Equity, Health and Justice (CEHJ) Committee Meeting:**
 - Prioritization of disadvantaged communities
 - Outreach
 - Technical assistance
 - Program evaluation

Proposed Path Forward



- **Offer one aligned grant program**
 - Award up to \$750,000 total in Community Engagement grants per year
 - Support local/regional capacity-building efforts
 - Offer multi-year grant awards
 - Increase available grant amounts
- **Make grant funding more accessible and equitable**
 - Expand outreach efforts; create application template
 - Offer technical assistance to applicants

Eligible Activities



**Needs
Assessment**

**Community
Organizing**

**Authentic
Participation**

**Build Capacity
to Lead**

Eligible Activities (cont.)



- Research and report on what a community needs to engage in local air quality decision making.

Eligible Activities (cont.)



- Leadership development, community mobilizing and coalition building.

Eligible Activities (cont.)



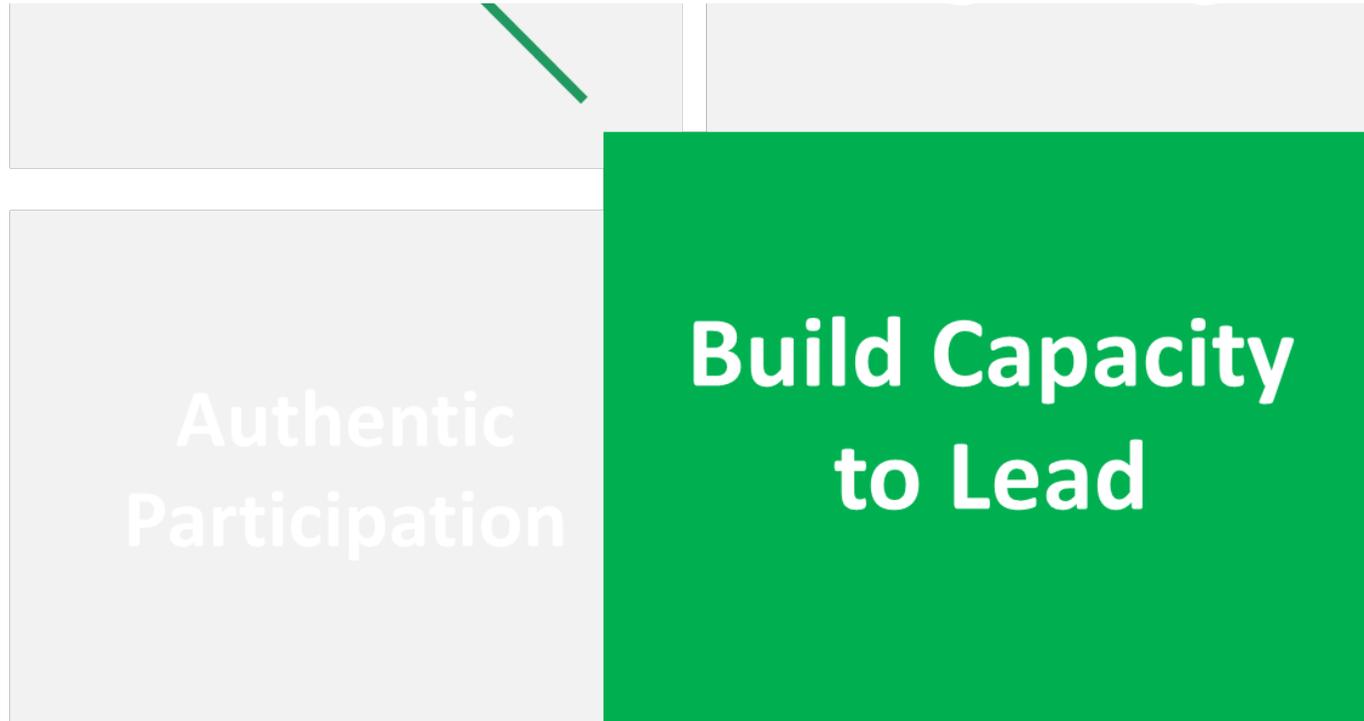
- Provide communities with resources and information needed to meaningfully participate in decisions that impact local environmental health.



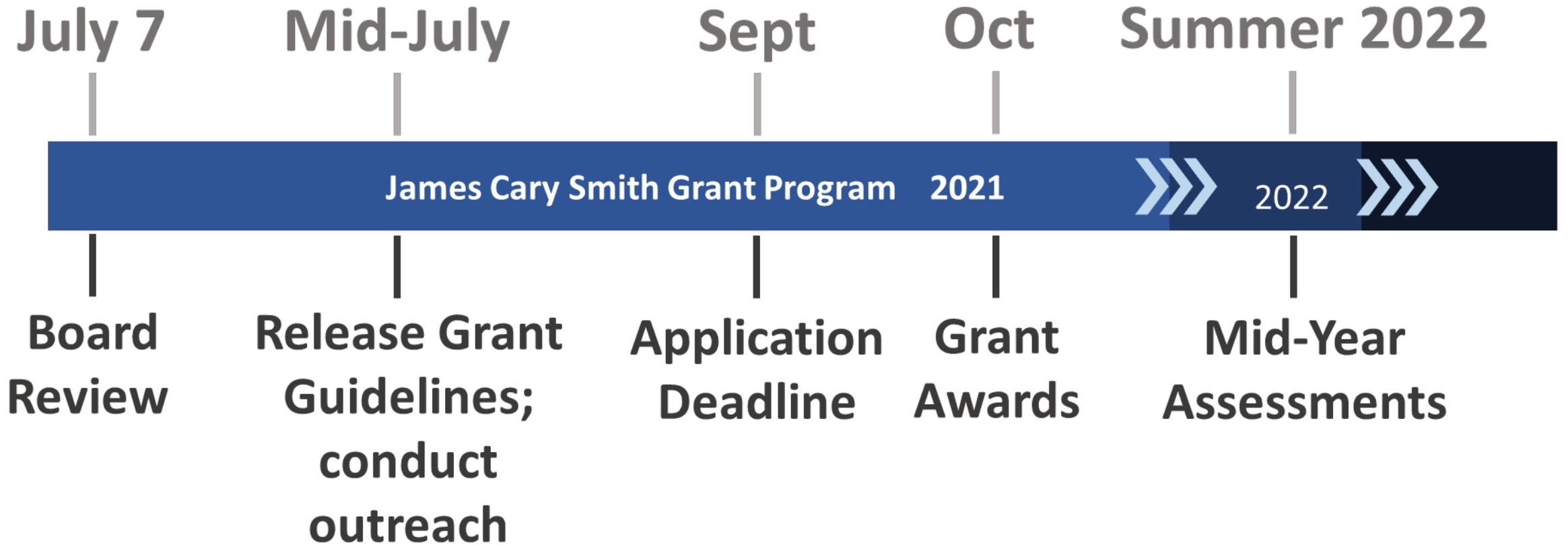
Eligible Activities (cont.)



- Grants should build community leadership around air quality concerns and strengthen community's ability to lead future emissions and exposure reduction efforts.



Proposed Timeline



Action Requested

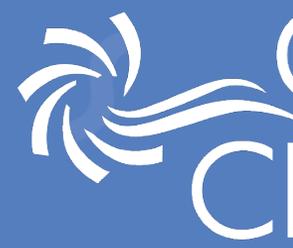


- Provide feedback on aligned James Cary Smith Community Grant Program.
- Authorize release of Grant Guidelines and Call for Applications for the FY 2021/2022 James Cary Smith Community Grant Program.

Questions



Questions/Feedback

The logo features a stylized white graphic of a flower or sunburst with several curved petals or rays extending to the right, positioned to the left of the text.

CALIFORNIA CLEAN AIR DAY

A PROJECT OF THE COALITION FOR CLEAN AIR

AGENDA: 16

**COALITION FOR
CLEAN AIR**

California AIR QUALITY



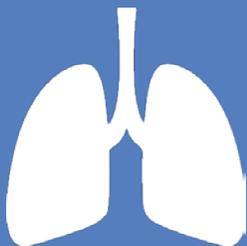
7 of 10

most ozone-polluted cities in the U.S. are in California



1 million

annual California student school absences related to air pollution



4 times as likely

Californians are to experience serious air pollution-related health problems

Californians CARE about air quality

- 72% of Californians said air pollution in California was a problem
- 59% of Californians said air pollution in their region posed a serious health risk to their immediate family
- 81% said it was necessary to take steps to counter the effects of global warming right away



Los Angeles Times

South Coast Air Basin began 2020 with a clean-air streak but ended with its worst smog in decades



CALIFORNIA CLEAN AIR DAY

A PROJECT OF THE COALITION FOR CLEAN AIR

OCTOBER 6, 2021



our IMPACT & REACH

	2018	2019	2020
participants	100,000	650,000	1.6 million
social media impressions	800,000	950,000	6 million
actions	1 million	1.25 million	3.1 million
companies & organizations	160+	316	530
events	0	90	82 (mostly virtual)

THE CLEAN AIR PLEDGE

Take the pledge for:



Individuals

Pledge Now



Kids

Pledge Now



Organizations

Pledge Now

how organizations TAKE ACTION

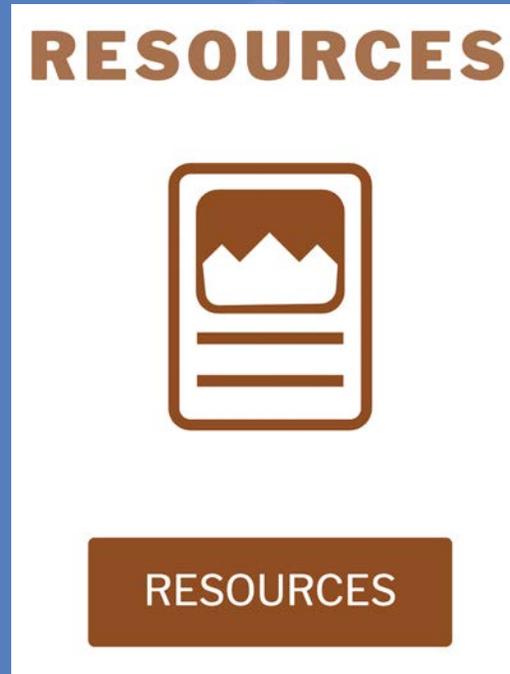
- **Caltrans** encouraged drivers to walk, bike and take public transit through changeable message signs (i.e. amber alert signs)
- **Lime** and **Uber** provided incentives to users to take the pledge
- **SacRT** provided free transit on the day
- **AEG** promoted California Clean Air Day on physical displays at Stadiums
- **Snapchat** and **All Trails** provided in-app promotions
- **AC Transit** promoted Clean Air Day through physical displays on busses



TAKE THE CLEAN AIR PLEDGE

**3RD ANNUAL
CALIFORNIA CLEAN AIR DAY
OCTOBER 7**

Organization Portal: Resources



The organization portal has a link to resources tailored to your organization type. We provide a variety of resources to help make California Clean Air Day a success for your organization. Resources include a toolkit tailored to your organization type, marketing materials, and social media posts.

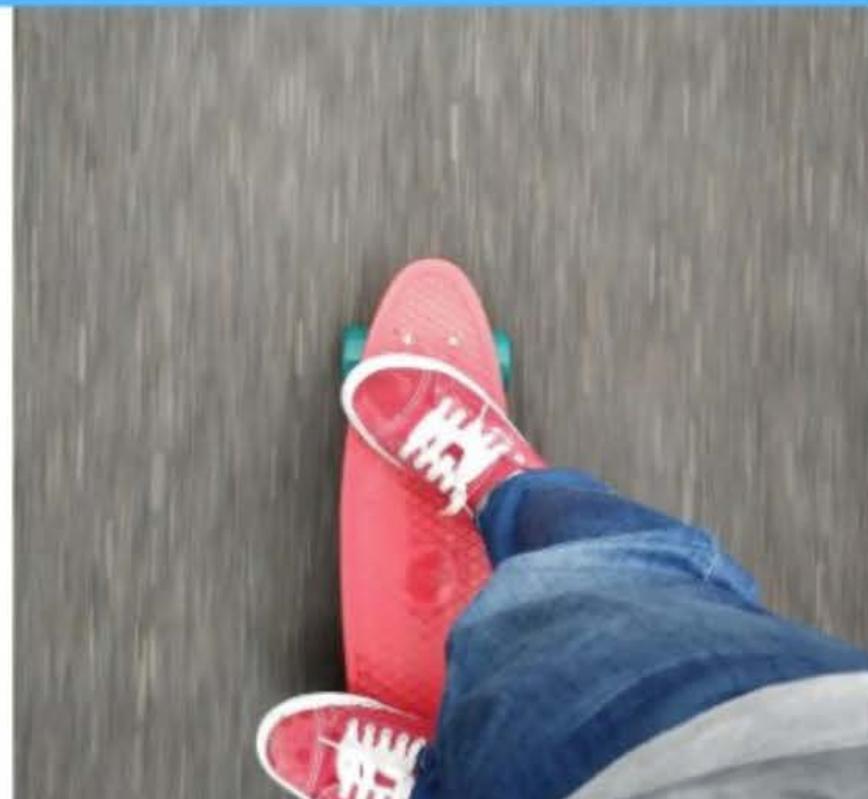
California Clean Air Day

**Nominate an
Unsung Hero**

CALIFORNIA CLEAN AIR DAY

A PROJECT OF THE COALITION FOR CLEAN AIR

Micro-Grant Applications Now Open



THANK YOU BAY AREA REGIONAL WORKING GROUP MEMBERS

Co-Chairs

Supervisor John Gioia , Contra Costa County

Jim Wunderman , Bay Area Council

Eddie Ahn , Brightline Defense

Stephen Baiter , East Bay EDA

Xian Ballesteros , East Bay EDA

Matthew Belasco , Pittsburg USD

Tom Harrington , Intuit

Mariela Herricks , MCE Clean Energy

Leanne Hoadley , MCE Clean Energy

Julie Johnson , Lightning Systems

Ryan Lau , AC Transit

Cecilia Meija , Brightline Defense

Kate Rauch , Office of Sup. John Gioia

Beth Reid , Olivine, Inc.

Chryslene Ribeiro , Blue Shield of California

Robert Rogers , Office of Sup. John Gioia

Juan Romero , BAAQMD

Anna Sciaruto , Bay Area Council

Sean Wihera , Clarity Movement Co.

THE CLEAN AIR PLEDGE

Take the pledge for:



Individuals

Pledge Now



Kids

Pledge Now



Organizations

Pledge Now

How will you leverage Clean Air Day?

1. Make a commitment that your City will participate in 2021 CAD now
2. Have your office take the Clean Air Pledge
3. Nominate an Unsung Hero
4. Host an event in your community

Thank You to BAAQMD for supporting Clean Air Day since its inception

2021 SPONSORS and Funders to date

Automobile Club of
Southern California

Bay Area Air Quality
Management District

Blue Shield of California

Cummins

Dignity Health

Los Angeles Department
of Water and Power

San Diego Gas and Electric

SMUD

Southern California Edison

Southern California Gas
Company

UPS

Valley Air Pollution Control
District

Summary of Ozone Seasons

Year	National 8-Hour	State 1-Hour	State 8-Hour
2017	6	6	6
2018	3	2	3
2019	9	6	9
2020	9	6	10
2021	2	2	2

- Spare the Air Alerts (4): 5/31, 6/17-6/19
- Days > 0.070 ppm 8-hour NAAQS (2): 6/17-6/18

Calendar Year PM_{2.5}

Year	Days > 35 µg/m ³ due to Wildfires (PM _{2.5})	Total Days > 35 µg/m ³ (PM _{2.5})	PM _{2.5} Spare the Air Alerts
2017	14	18	33
2018	16	20	21
2019	1	1	10
2020	23	25	46
2021	0	0	0

- Spare the Air Alerts (0): none
- Days > 35 µg/m³ 24-hr NAAQS (0): none