



BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

Wildfire Smoke Policies and Programs

RAMP
Community Action to
Fight Asthma Summit
June 15, 2022

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Outline

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Our Role in Wildfire Response

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- Air Quality Forecasting
- Communications

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Wildfire Response Programs

- Home air filtration
- Evacuation and sheltering facilities
- School air filtration
- Clean Air Centers

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Clean Air Centers/RAMP

- Objective
- Update
- Next Steps

About



WHO

Air pollution regulatory agency established in 1955

Mission: *The Air District aims to create a healthy breathing environment for every Bay Area resident while protecting and improving public health, air quality, and the global climate.*



WHAT

- Oversee all stationary sources that pollute
- Issue permits
- Enforce permits
- Follow-up on complaints
- Monitor and forecast Air Quality
- Plan for how we will reduce pollution in the future
- Grant funding to reduce air pollution or exposure to it



WHERE

- Headquarter in San Francisco
- Oversee 9 counties
 - Alameda
 - Contra Costa
 - Marin
 - Napa
 - San Francisco
 - San Mateo
 - Santa Clara
 - Sonoma
 - Solano

Our Role in Wildfire Response

AIR MONITORING

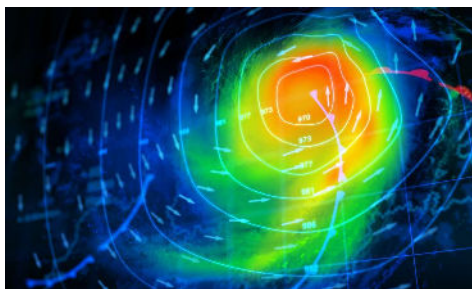


Over 30 stations that collect local air quality data, including measurements of significant air pollutants

Used for providing:

- Near-real time data to the public
- Official Air Quality Index (AQI)
- Changes in air quality
- Compliance with health-based air quality standards
- Air quality forecasts

AIR QUALITY FORECASTING



Air quality can change rapidly and varies from one location to another

Smoke forecast

- Air quality data
- Weather and smoke models
- Satellite imagery and cameras
- Local geography and wind flow
- Marine layer depth

COMMUNICATIONS



- Media Outreach
- Social Media Wildfire Series & Meteorologist Video Updates
- Wildfire Safety Website, Infographics & Videos Series
- Messaging Coordination with Bay Area Health Officers & PIOs
- [New](#) - In-Person & Zoom Press Conferences/Briefings
- [New](#) - Expand Text Alerts to 5 Languages

Wildfire Response Programs

School Air Filtration

Improved air filtration and ventilation systems in schools located in disadvantaged communities under CARB's Supplemental Environment Project (\$2M)



Home Air Filtration

- Partnership with Regional Asthma Management and Prevention (\$250K)
- **New** - Delivering portable units to vulnerable communities



Evacuation and Sheltering Facilities

Partnerships with Red Cross and County Office of Emergency Services to deploy portable air filtration units during wildfire emergencies (\$1M)



AB836: Clean Air Centers

Establishing a network of facilities with high-efficiency air filtration systems in Bay Area's vulnerable communities (\$3M)



Source: Canva.com



Program Overview

Objective

Help fund ventilation retrofit projects or portable air cleaners to provide vulnerable communities access to facilities with cleaner air when wildfire or other smoke events impacts the region.

Grant amount: \$3M

Update

373 industrial-size portable air filters
~\$1.7M remaining

Next Steps

Soliciting applications from cities and counties
Deploy Clean Air Centers ASAP

Community identified clean air center sites:
<https://rspcerp.mysocialpinpoint.com/clean-air-centers#/>



Program Overview

Objective

Provides air filters to low-income home-visiting clients with poorly controlled asthma

Grant amount: \$250K

Update

Distributed 875 air filters
~\$143K remaining

Next Steps

Propose to Board of Directors broadening of partnership with RAMP, local health centers, and CBOs with Wildfire Mitigation designated funds

Suggested Policy Changes

1

More funding for wildfire adaptation focused on vulnerable populations (i.e. seniors, children, people with asthma, etc.)

2

Direct resources equitably using locally defined frontline communities (i.e. CES, DAC's, etc.)

3

Aim to provide services for "business-as-usual" as to not disrupt peoples environment.

4

If program involves providing resources at sites, involve CBOs and community early on to get their input on locations that will best serve them.



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Thank you!

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<https://calendly.com/areana/30min>