



BOARD OF DIRECTORS  
COMMUNITY AND PUBLIC HEALTH COMMITTEE

COMMITTEE MEMBERS

BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

SHIRLEE ZANE – CHAIR  
TERESA BARRETT  
JOHN GIOIA  
DAVINA HURT  
NATE MILEY  
BRAD WAGENKNECHT

MARK ROSS – VICE CHAIR  
DAVID CANEPA  
SCOTT HAGGERTY  
LIZ KNISS  
KATIE RICE

THURSDAY  
MARCH 5, 2020  
9:30 A.M.

1<sup>ST</sup> FLOOR BOARD ROOM  
375 BEALE STREET  
SAN FRANCISCO, CA 94105

AGENDA

1. CALL TO ORDER - ROLL CALL

PLEDGE OF ALLEGIANCE

PUBLIC MEETING PROCEDURE

*The Committee Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Committee members. The Committee Chair shall lead the Pledge of Allegiance.*

*This meeting will be webcast. To see the webcast, please visit [www.baaqmd.gov/bodagendas](http://www.baaqmd.gov/bodagendas) at the time of the meeting. Closed captioning may contain errors and omissions and are not certified for their content or form.*

**Public Comment on Agenda Items** *The public may comment on each item on the agenda as the item is taken up. Public Comment Cards for items on the agenda must be submitted in person to the Clerk of the Boards at the location of the meeting and prior to the Board taking up the particular item. Where an item was moved from the Consent Calendar to an Action item, no speaker who has already spoken on that item will be entitled to speak to that item again.*

2. **PUBLIC COMMENT ON NON-AGENDA MATTERS**

**Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3** *For the first round of public comment on non-agenda matters at the beginning of the agenda, ten persons selected by a drawing by the Clerk of the Boards from among the Public Comment Cards indicating they wish to speak on matters not on the agenda for the meeting will have two minutes each to address the Board on matters not on the agenda. For this first round of public comments on non-agenda matters, all Public Comment Cards must be submitted in person to the Clerk of the Board at the location of the meeting and prior to commencement of the meeting.*

Staff/Phone (415) 749-

3. **APPROVAL OF THE MINUTES OF OCTOBER 30, 2019**

Clerk of the Boards/5073

*The Committee will consider approving the attached draft minutes of the Community and Public Health Committee meeting of October 30, 2019.*

4. **BAY AIR CENTER: TECHNICAL ASSISTANCE FOR COMMUNITY AIR QUALITY PROJECTS**

J. Broadbent/5052

[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*Staff will provide an update on the Air District's Bay Air Center, and its technical assistance for community air quality projects.*

5. **PUBLIC PARTICIPATION PLAN STATUS UPDATE**

J. Broadbent/5052

[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*Staff will provide an update on the status of the Air District's Public Participation Plan.*

6. **CHALLENGES OF HEALTH DATA ANALYSIS**

J. Broadbent/5052

[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*Staff will provide an update on the challenges of health data analysis, as it relates to Assembly Bill 617.*

7. **PUBLIC COMMENT ON NON-AGENDA MATTERS**

*Speakers who did not have the opportunity to address the Board in the first round of comments on non-agenda matters will be allowed two minutes each to address the Board on non-agenda matters.*

8. **COMMITTEE MEMBER COMMENTS**

*Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)*

9. **TIME AND PLACE OF NEXT MEETING**

*Thursday, May 7, 2020, at 375 Beale Street, San Francisco, CA 94105 at 9:30 a.m.*

10. **ADJOURNMENT**

*The Committee meeting shall be adjourned by the Committee Chair.*

**CONTACT:**

**MANAGER, EXECUTIVE OPERATIONS**  
**375 BEALE STREET, SAN FRANCISCO, CA 94105**  
[vjohnson@baaqmd.gov](mailto:vjohnson@baaqmd.gov)

**(415) 749-4941**  
**FAX: (415) 928-8560**  
**BAAQMD homepage:**  
[www.baaqmd.gov](http://www.baaqmd.gov)

- To submit written comments on an agenda item in advance of the meeting. Please note that all correspondence must be addressed to the “Members of the Community and Public Health Committee” and received at least 24 hours prior, excluding weekends and holidays, in order to be presented at that Committee meeting. Any correspondence received after that time will be presented to the Committee at the following meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the District’s offices at 375 Beale Street, Suite 600, San Francisco, CA 94105, at the time such writing is made available to all, or a majority of all, members of that body.

**Accessibility and Non-Discrimination Policy**

The Bay Area Air Quality Management District (Air District) does not discriminate on the basis of race, national origin, ethnic group identification, ancestry, religion, age, sex, sexual orientation, gender identity, gender expression, color, genetic information, medical condition, or mental or physical disability, or any other attribute or belief protected by law.

It is the Air District’s policy to provide fair and equal access to the benefits of a program or activity administered by Air District. The Air District will not tolerate discrimination against any person(s) seeking to participate in, or receive the benefits of, any program or activity offered or conducted by the Air District. Members of the public who believe they or others were unlawfully denied full and equal access to an Air District program or activity may file a discrimination complaint under this policy. This non-discrimination policy also applies to other people or entities affiliated with Air District, including contractors or grantees that the Air District utilizes to provide benefits and services to members of the public.

Auxiliary aids and services including, for example, qualified interpreters and/or listening devices, to individuals who are deaf or hard of hearing, and to other individuals as necessary to ensure effective communication or an equal opportunity to participate fully in the benefits, activities, programs and services will be provided by the Air District in a timely manner and in such a way as to protect the privacy and independence of the individual. Please contact the Non-Discrimination Coordinator identified below at least three days in advance of a meeting so that arrangements can be made accordingly.

If you believe discrimination has occurred with respect to an Air District program or activity, you may contact the Non-Discrimination Coordinator identified below or visit our website at [www.baaqmd.gov/accessibility](http://www.baaqmd.gov/accessibility) to learn how and where to file a complaint of discrimination.

Questions regarding this Policy should be directed to the Air District’s Non-Discrimination Coordinator, Rex Sanders, at (415) 749-4951 or by email at [rsanders@baaqmd.gov](mailto:rsanders@baaqmd.gov)

# BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 BEALE STREET, SAN FRANCISCO, CA 94105

FOR QUESTIONS PLEASE CALL (415) 749-4941

## EXECUTIVE OFFICE:

### MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

#### MARCH 2020

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting	Wednesday	4	9:30 a.m.	1 <sup>st</sup> Floor Board Room
Board of Directors Community and Public Health Committee	Thursday	5	9:30 a.m.	1 <sup>st</sup> Floor Board Room
Board of Directors Executive Committee	Wednesday	18	9:30 a.m.	1 <sup>st</sup> Floor Board Room
Advisory Council Special Meeting - PM Symposium	Tuesday	24	9:00 a.m.	Oakland Marriott City Center 1001 Broadway, Oakland CA
Board of Directors Budget & Finance Committee	Wednesday	25	9:30 a.m.	1 <sup>st</sup> Floor, Yerba Buena Room #109
Board of Directors Legislative Committee	Wednesday	25	10:30 a.m.	1 <sup>st</sup> Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee	Thursday	26	9:30 a.m.	1 <sup>st</sup> Floor Board Room

#### APRIL 2020

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting	Wednesday	1	9:30 a.m.	1 <sup>st</sup> Floor Board Room
Board of Directors Personnel Committee	Friday	3	9:30 a.m.	1 <sup>st</sup> Floor Board Room
Board of Directors Regular Meeting	Wednesday	15	9:30 a.m.	1 <sup>st</sup> Floor Board Room
Board of Directors Climate Protection Committee	Thursday	16	9:30 a.m.	1 <sup>st</sup> Floor Board Room
Board of Directors Budget & Finance Committee	Wednesday	22	9:30 a.m.	1 <sup>st</sup> Floor, Yerba Buena Room #109
Board of Directors Legislative Committee	Wednesday	22	10:30 a.m.	1 <sup>st</sup> Floor, Yerba Buena Room #109
Board of Directors Stationary Source Committee	Wednesday	22	12:00 p.m.	1 <sup>st</sup> Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee	Thursday	23	9:30 a.m.	1 <sup>st</sup> Floor Board Room

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
Memorandum

To: Chairperson Shirlee Zane and Members  
of the Community and Public Health Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 24, 2020

Re: Approval of the Minutes of October 30, 2019

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**RECOMMENDED ACTION**

Approve the attached draft minutes of the Community and Public Health Committee (Committee) meeting of October 30, 2019.

**DISCUSSION**

Attached for your review and approval are the draft minutes of the Committee meeting of October 30, 2019.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Marcy Hiratzka  
Reviewed by: Vanessa Johnson

Attachment 3A: Draft Minutes of the Committee Meeting of October 30, 2019

## AGENDA: 3A – ATTACHMENT

Draft Minutes – Community and Public Health Committee Meeting of October 30, 2019

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, California 94105  
(415) 749-5073

### **DRAFT MINUTES**

Summary of Board of Directors  
Community and Public Health Committee Meeting  
Wednesday, October 30, 2019

#### **1. CALL TO ORDER – ROLL CALL**

Community and Public Health Committee (Committee) Vice Chairperson, Mark Ross, called the meeting to order at 9:33 a.m. Chairperson, Shirlee Zane, participated via conference call, and served as a non-voting member.

#### **Roll Call:**

Present: Vice Chairperson Mark Ross; and Directors John Gioia, Scott Haggerty, Liz Kniss, Katie Rice, and Brad Wagenknecht. Chairperson Shirlee Zane (non-voting today).

Absent: Directors Teresa Barrett, David J. Canepa, Nate Miley, and Lori Wilson.

Also Present: None.

#### **2. PUBLIC COMMENT ON NON-AGENDA ITEMS, PURSUANT TO GOVERNMENT CODE SECTION 54954.3**

No requests received.

At this time, Vice Chair Ross asked Chair Zane to provide an update on the Kincade Fire in her jurisdiction of Sonoma County. Chair Zane reported the following:

- (At the time of her comment) the Kincade Fire had been 15% contained and eviction areas were being repopulated.
- 22 evacuation shelters were erected and over 2,000 people are still in the shelters. 20 veterinarians volunteered at the shelter that allowed pets.
- The elderly population shows physical effects from the fire and providing health care for them is difficult, especially because of the inconsistent power supply.
- There is a continual need for self-care and mental health awareness; the Kincade Fire triggered post-traumatic stress in residents who experienced loss in the 2017 Tubbs Fire.
- Firefighters are having difficulty with the rugged terrain in northern Sonoma County.
- Chair Zane and Congressman Jared Huffman traveled to the burn area to rescue cats.

- The World Central Kitchen provided 6,000 meals to those in need at the Sonoma County Fairgrounds in Santa Rosa on Sunday, October 27, 2019.
- Not many people were observed wearing respirators; many people are staying indoors.
- Assembly Bill 836 (Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program), recently signed by the Governor, is exciting and needed.
- The American Red Cross is in need of volunteers.
- The communities of Windsor and Santa Rosa are in need of high-tech air monitors that can inform the public of when changes in air quality occur, as well as air scrubbers. Technologies such as PurpleAir may be confusing the public with their data.
- Backup generators should not run during wildfires.
- Pacific Gas & Electric’s re-charging stations are not community-friendly.
- [www.SOCOemergency.org](http://www.SOCOemergency.org) is a good resource (Sonoma County Emergency and Preparedness Information).

The Committee and staff discussed how to register as an American Red Cross volunteer for the Kincade Fire relief; news reporters have been seen wearing masks while reporting and need to be educated on how to properly wear them; how power outages may affect AB 836 (Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program), and how this problem forced people out of their homes the past weekend; the potential of hydrogen fuel cell and solar generators as zero-emission technologies; an influx of visitors at the Napa County Library due to the Kincade Fire, and the need for clean filtration systems at public buildings and additional clean air centers; a technology deployed by San Diego Gas & Electric that minimizes the impact of power outages during wildfires; how jurisdictions can assist and support their small businesses that are suffering due to the power outages; an Air District staff summary of Bay Area fires (currently burning and from this past week), and the Air District’s role in such incidents; the Air District’s partnership with the Association of Bay Area Health Officials and joint messaging with agencies and jurisdictions; the Air District’s plan to deploy High Efficiency Particulate Air (HEPA) filters in lieu of respirators; and transported wildfire smoke within the Bay Area.

NOTED PRESENT: Director Wagenknecht was noted present at 9:43 a.m.

### **3. APPROVAL OF THE MINUTES OF SEPTEMBER 12, 2019**

#### Public Comments

No requests received.

#### Committee Comments

None.



Committee Action

Director Kniss made a motion, seconded by Director Haggerty, to **approve** the Minutes of September 12, 2019; and the motion carried by the following vote of the Committee:

AYES: Gioia, Haggerty, Kniss, Rice, Ross, Wagenknecht.  
NOES: None.  
ABSTAIN: None.  
ABSENT: Barrett, Canepa, Miley, Wilson, Zane.

**4. YOUTH FOR THE ENVIRONMENT AND SUSTAINABILITY (YES) CONFERENCE UPDATE**

Gregory Nudd, Deputy Air Pollution Control Officer of Policy, introduced Kristina Chu, Senior Public Information Officer, who gave the staff presentation *2020 Youth for the Environment and Sustainability (YES) Conference*, including: Spare the Air Youth Program; 2020 YES Conference Draft agenda and outreach; and 2019-2020 Student Advisory Council (SAC) members.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed why this event will be held at the end of March in 2020, when it has historically been held earlier; the request for a list of residency of the SAC members; whether it is too late for new SAC members to be added; SAC composition and selection process; and the need to consider socioeconomic variation within a given Bay Area county when selecting SAC members.

Committee Action

None; receive and file.

**5. ASSEMBLY BILL 617 IMPLEMENTATION INTO 2020**

Mr. Nudd introduced Elizabeth Yura, Director of Community Engagement and Policy, who gave the staff presentation *Assembly Bill (AB) 617 Implementation: Update and Next Steps*, including: 2019 accomplishments; AB 617 2020: regional and community (West Oakland and Richmond/San Pablo and other high-priority communities); and next steps in program management.

Public Comments

Public comments were given by Katherine Funes, Anthony Bibiano, David Belle, Mykela Patton, and Jill Ratner, Rose Foundation; and Eliza Nemser, San Francisco resident.

Committee Comments

The Committee and staff discussed the concern that not all recommended strategies in an approved AB 617 Community Action Plan will be implemented, as they are not *required* to be implemented by the affected jurisdiction, and whether the Air District is encouraging the City of Oakland to implement the approved strategies in the recently approved West Oakland Community Action Plan; the development of the Bay Area AB 617 Regional Environmental Justice Working Group and the inter-agency member selection process; the history of AB 617 funding and its current status; the fact that increasing the number of Bay Area AB 617 communities increases the permanent workload at the Air District; the need for communities and elected officials to advocate for long-term AB 617 funding; how the Air District plans to monitor West Oakland Community Action Plan implementation progress; how to sustain motivation to continue implementing approved strategies in AB 617 communities after the Air District has shifted its focus to a new community; whether East Oakland may be considered a future AB 617 community; the suggestion that California air districts send a collaborative letter to the California Air Resources Board (CARB) requesting flexibility on how AB 617 funding may be spent; Air District staff’s opinion on the development of air pollution sensor technology; the suggestion that the Air District educates all Bay Area communities of strategies that have been devised to reduce air pollution in approved AB 617 (Community Health Protection Program) community action plans, despite the lack of program funding; and the variability of the benefits of children remaining in their homes, versus attending school, during smoke incidents.

Committee Action

None; receive and file.

**6. REPORT ON THE NUSTAR TERMINAL INCIDENT ON OCTOBER 15, 2019**

Wayne Kino, Deputy Air Pollution Control Officer of Operations, displayed a screenshot of media coverage of the NuStar Energy explosions and fire incident that occurred on October 15, 2019. Mr. Kino summarized possible contributing factors to the incident; the Air District’s role during such incidents; documented Air District violations of the facility since the incident; the current operating status of the facility; and the Air District’s joint investigation with other agencies.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed the request for copies of the Notices of Violation issued to the facility by the Air District after the incident; potential amendments to Contra Costa County’s Industrial Safety Ordinance to include aboveground petroleum storage facilities located outside petroleum refineries or chemical plants; and whether the Air District has Material Safety Data Sheets for each permitted facility.

Committee Action

None; receive and file.

**7. PUBLIC COMMENT ON NON-AGENDA MATTERS**

No requests received.

**8. COMMITTEE MEMBER COMMENTS**

None.

**9. TIME AND PLACE OF NEXT MEETING**

Thursday, November 21, 2019, at 375 Beale Street, San Francisco, CA 94105 at 9:30 a.m.

**10. ADJOURNMENT**

The meeting adjourned at 11:27 a.m.

Marcy Hiratzka  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Shirlee Zane and Members  
of the Community & Public Health Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 24, 2020

Re: Bay Air Center: Technical Assistance for Community Air Quality Projects

**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

In recent years, there has been increased interest from communities and organizations in the Bay Area wanting to conduct technical projects to learn about and advocate for air quality, due to factors such as wildfires, increased availability of “low-cost” air quality sensors, and the shift in focus toward hyperlocal air quality. After the Board approved funding in May 2019, the Air District launched the Bay Air Center (BAC) in late summer 2019, to provide technical assistance in helping to define and achieve air quality project goals set by the community. This structured program helps the Air District work in partnership with the public to design air quality projects and assist in interpreting the resulting data.

**DISCUSSION**

The Air District has worked with Kearns and West (with technical guidance provided by TD Environmental and T&B Systems) to launch this technical assistance center. Since launching, the BAC has provided the following services and developed resources:

- Developed and presented webinar to Community School Grantees about air quality and monitoring; including separate support for technical questions;
- Supported the James Cary Smith Grantee Sustainable Silicon Valley (SSV) traffic impacts study; including sensor placement guidance and assistance with data interpretation;
- Ongoing: Support of the James Cary Smith Grantee Vallejo Citizen Air Monitoring Network (Vallejo CAMN) Purple Air data analysis and network expansion project; including sensor placement guidance and assistance with data interpretation;
- Ongoing: Support the 2018 California Air Resources Board (CARB) Community Assistance Grantees with sensor network project quality assurance;
- Ongoing: Development of sensor placement guidelines and factsheets and worksheets for defining monitoring objectives for sensor network projects; and
- Ongoing: Development of data access and visualization tools for sensor network data

The below table outlines the types services that the center is providing. These initial projects during the first year of the BAC are helping to inform the Air District in designing the outreach process, additional services, and materials that would be most useful to community scientists throughout the Bay Area. A general help line and a website with a resource library of the refined materials will launch later in 2020.

<b>Engagement Type/Service</b>	<b>Description</b>	<b>Examples</b>
<b>Advisory Role</b>	Provide guidance on one or more aspects of air monitoring, or other technical support, such as training, project planning, sensor deployment, data analysis and interpretation	Answer “one-off” questions and provide information; Work with a prospective grant applicant to create a viable and technically sound approach; Work with community members to evaluate and interpret data that has already been collected; Work with community members to help with selecting a sensor, siting it, and using data management tools
<b>Education/Training</b>	Design and conduct educational program(s) to build capacity and awareness	Develop and make available a variety of educational materials, such as “Air Quality 101” fact sheets, STEM curriculum modules, or how-to videos
<b>End-to-End Support</b>	Assist with all aspects of technical projects, from inception, monitoring, data analysis, and next steps	Support a community group in setting up a monitoring program to build technical capacity or investigate their concerns

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. Funding for the first phase of this contract is included in the Fiscal Year Ending (FYE) 2020 budget. Remaining funds required for this contract are proposed to be allocated from Assembly Bill 617, and executive general funds from the FYE 2021 budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Kate Hoag  
Reviewed by: Elizabeth Yura and Ranyee Chiang

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson Shirlee Zane and Members  
of the Community and Public Health Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 24, 2020

Re: Public Participation Plan Status Update

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**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

The Public Participation Plan (PPP) was adopted by the Air District Board in December 2013 to:

- Educate and engage the public on Air District activities and programs;
- Increase public awareness and understanding of the roles the public, business community, and the Air District have in reducing air pollution;
- Facilitate ongoing dialogue with community groups and provide opportunities for meaningful public engagement; and
- Involve and build relationships with diverse stakeholders

The PPP was developed with a 29-member stakeholder advisory task force and a 12-member internal working group. Its key targeted areas include:

- Outreach and involvement of Limited English-Proficient (LEP) communities;
- Improving the Air District's website interface; and
- Increasing the ability for the public to comment on permits and engage early on in projects/plans

**DISCUSSION**

With the successful implementation of the 2013 PPP, the Air District has come further than ever before in our concerted community engagement strategies. Staff are working with the Institute for Local Governments (ILG) to prepare a status update titled: The Path to Successful Community Engagement: Where We've Been and Navigating the Road Ahead. The status update will summarize achievements across the 45 measures listed in the PPP, highlight success stories from Air District outreach and engagement initiatives, and introduce shared leadership as a new approach for community engagement at the Air District.

Following the development and dissemination of the status update, staff will begin an inclusive process to develop a new guiding document for community engagement at the Air District. This process will build upon our successes engaging the community and working cross-divisionally to ensure community engagement is supporting all divisions and programs at the Air District.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. Funding for the PPP status update is included in the Fiscal Year Ending (FYE) 2020 budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Kristen Law  
Reviewed by: Elizabeth Yura



**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Shirlee Zane and Members  
of the Community and Public Health Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 24, 2020

Re: Challenges of Health Data Analysis

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**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

Recent initiatives have sparked increased interest in acquiring and tracking health data. Assembly Bill (AB) 617 directs communities and air districts to address air pollution and related health effects in overburdened communities. The goal of AB 617 is to protect and improve community health by eliminating disparities in exposure to local air pollution. Work with communities through AB 617 has put a spotlight on the desire to focus on health data.

A desired element of AB 617 is to track public health data to discern and demonstrate improvement in the health status of the affected community, due to emission reduction strategies. The question is, "Have health outcomes improved as a result of implemented strategies?" However, for many reasons, identifying a discernable near-term improvement in the health outcomes in communities may be challenging.

**DISCUSSION**

There is a vast body of research that connects exposure to air pollutants with higher rates of asthma, cancer, heart disease, stroke, mortality, and other health outcomes. However, air pollution is not the sole risk factor contributing to these health outcomes.

Many factors may influence the health of individuals in a community, including access to nutritious food, access to health care, transportation, clean water, and freedom from violence and stress. As neighborhood demographics change, the health data of the community may change. Discerning the contribution of air pollution to health outcomes is a complex question.

The Air District is partnering with city, county, and statewide agencies to develop and report health data and to interpret the results. Health data to inform the question of strategy effectiveness will be studied – including information from health records, such as asthma emergency visits, asthma hospitalization, and county-acquired cancer, heart disease, and stroke mortality rates.

However, it can be difficult to demonstrate improvements in community health due to air pollution emission control strategies alone. Plan strategies may take years to implement, and it may take years to see evidence of changes in health outcomes. The challenge with health data is that it often takes many studies, many years, and health reviews of very large populations to draw any clear conclusions.

This presentation will discuss the complexity of using health data to discern health benefits from implemented emission reduction strategies.

#### BUDGET CONSIDERATIONS/FINANCIAL IMPACTS

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Judith Cutino  
Reviewed by: Greg Nudd