



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

BOARD OF DIRECTORS  
EXECUTIVE COMMITTEE MEETING

COMMITTEE MEMBERS

DAVE HUDSON – CHAIR  
CINDY CHAVEZ  
CAROLE GROOM  
NATE MILEY  
ROD SINKS  
BRAD WAGENKNECT

KATIE RICE – VICE CHAIR  
JOHN GIOIA  
SCOTT HAGGERTY  
MARK ROSS  
JIM SPERING

MONDAY  
APRIL 16, 2018  
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.*

*Speakers may speak for up to three minutes on each item on the Agenda. However, the Chairperson or other Board Member presiding at the meeting may limit the public comment for all speakers to fewer than three minutes per speaker, or make other rules to ensure that all speakers have an equal opportunity to be heard. The Chairperson or other Board Member presiding at the meeting may, with the consent of persons representing both sides of an issue, allocate a block of time (not to exceed six minutes) to each side to present their issue.*

Staff/Phone (415) 749-

2. **APPROVAL OF THE MINUTES OF MARCH 26, 2018**

Clerk of the Boards/5073

*The Committee will consider approving the draft minutes of the Executive Committee meeting of March 26, 2018.*

3. **HEARING BOARD QUARTERLY REPORT: JANUARY – MARCH 2018**

J. Broadbent/5052

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

*The Hearing Board Chair will present the Hearing Board Quarterly Report for the period of January through March 2018.*

4. **BAY AREA REGIONAL COLLABORATIVE (BARC) UPDATE**

J. Broadbent/5052

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

*The Committee will receive an update by BARC Director, Allison Brooks, on the activities of the Bay Area Regional Collaborative.*

5. **TECHNOLOGY IMPLEMENTATION OFFICE STEERING COMMITTEE UPDATE AND FISCAL YEAR ENDING (FYE) 2019 BUDGET PREVIEW**

J. Broadbent/5052

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

*The Committee and Council will receive an update on the Technology Implementation Office (TIO) Steering Committee.*

6. **RECOMMENDATION OF CANDIDATE COMMUNITIES FOR THE AB 617 PROGRAM**

J. Broadbent/5052

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

*The Committee will consider a request to recommend candidate communities for the AB 617 program to the Board of Directors.*

7. **UPDATE ON MY AIR ONLINE PERMITTING AND COMPLIANCE SYSTEM**

J. Broadbent/5052

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

*The Committee will receive an informational update from the Production System Office focusing on the Permitting and Compliance System.*

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

*Pursuant to Government Code Section 54954.3 Speakers wishing to address the Board on non-agenda matters will be heard at the end of the agenda, and each will be allowed up to three minutes to address the Board at that time.*

*Members of the Board may engage only in very brief dialogue regarding non-agenda matters, and may refer issues raised to District staff for handling. In addition, the Chairperson may refer issues raised to appropriate Board Committees to be placed on a future agenda for discussion.*

9. **COMMITTEE MEMBER COMMENTS / OTHER BUSINESS**

*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).*

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

*At the Call of the Chair.*

11. **ADJOURNMENT**

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

**CONTACT:**

**ACTING 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 Executive Committee” and received at least 24 hours prior, excluding weekends and holidays, in order to be presented at that Board meeting. Any correspondence received after that time will be presented to the Board 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, CALIFORNIA 94105  
FOR QUESTIONS PLEASE CALL (415) 749-4941**

**EXECUTIVE OFFICE:  
MONTHLY CALENDAR OF AIR DISTRICT MEETINGS**

**APRIL 2018**

<b><u>TYPE OF MEETING</u></b>	<b><u>DAY</u></b>	<b><u>DATE</u></b>	<b><u>TIME</u></b>	<b><u>ROOM</u></b>
<b>Board of Directors Executive Committee</b> <i>(At the Call of the Chair)</i>	Monday	16	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Ad Hoc Building Oversight Committee</b> <i>(At the Call of the Chair)</i>	Wednesday	18	9:00 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	18	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	25	9:30 a.m.	1st Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	26	9:30 a.m.	1 <sup>st</sup> Floor Board Room

**MAY 2018**

<b><u>TYPE OF MEETING</u></b>	<b><u>DAY</u></b>	<b><u>DATE</u></b>	<b><u>TIME</u></b>	<b><u>ROOM</u></b>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	2	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Personnel Committee</b> <i>(At the Call of the Chair)</i>	Monday	7	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	16	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets on the 3<sup>rd</sup> Thursday of every other Month)</i>	Thursday	17	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of every other Month)</i>	Monday	21	10:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	23	9:30 a.m.	1st Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	24	9:30 a.m.	1 <sup>st</sup> Floor Board Room

## JUNE 2018

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	6	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	20	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Technology Implementation Office Steering Committee</b> <i>(At the Call of the Chair)</i>	Thursday	21	1:00 p.m.	1st Floor, Ohlone Room #107
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	27	9:30 a.m.	1st Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	28	9:30 a.m.	1 <sup>st</sup> Floor Board Room
HL – 04/12/18 – 11:10 a.m.				G/Board/Executive Office/Moncal

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson David Hudson and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 2, 2018

Re: Approval of the Minutes of March 26, 2018

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RECOMMENDED ACTION

Approve the attached draft minutes of the joint meeting of the Executive Committee and Advisory Council of March 26, 2018.

DISCUSSION

Attached for your review and approval are the draft minutes of the joint meeting of the Executive Committee and Advisory Council of March 26, 2018.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Marcy Hiratzka  
Reviewed by: Vanessa Johnson

Attachment 2A: Draft Minutes of the joint meeting of the Executive Committee and Advisory Council of March 26, 2018.

## AGENDA 2A – ATTACHMENT

Draft Minutes – Joint Meeting of the Executive Committee & Advisory Council of March 26, 2018

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  
Joint Meeting of the Executive Committee and Advisory Council  
Monday, March 26, 2018

#### 1. CALL TO ORDER – ROLL CALL

Executive Committee (Committee) Chairperson, David Hudson, called the meeting to order at 9:32 a.m.

##### Roll Call:

Present: Executive Committee Members: Committee Chairperson David Hudson; and Directors Carole Groom, Nate Miley, Mark, Ross, Rod Sinks, Jim Spring, and Brad Wagenknecht.

Advisory Council (Council) Members: Council Chair Stan Hayes; and Members Professor Severin Borenstein, Dr. Michael Kleinman, Dr. Tim Lipman, and Dr. Jane Long.

Absent: Executive Committee Members: Vice Chairperson Katie Rice; and Directors John Gioia, Scott Haggerty, and Liz Kniss.

Advisory Council Members: None.

Also Present: None.

#### 2. APPROVAL OF THE MINUTES OF FEBRUARY 7, 2018

##### Public Comments:

No requests received.

##### Committee Comments:

None.

##### Committee Action:

Director Spring made a motion, seconded by Director Ross, to approve the minutes of February 7, 2018; and the motion carried by the following vote of the Committee:



AYES: Groom, Hudson, Rice, Sinks, Spering and Wagenknecht.  
NOES: None.  
ABSTAIN: None.  
ABSENT: Gioia, Haggerty, Kniss, Miley, and Rice.

### 3. OVERVIEW OF THE AIR DISTRICT'S ADVISORY COUNCIL

Dr. Jeff McKay, Chief Financial Officer, gave the staff presentation *Advisory Council Overview*, including: Advisory Council history; Senate Bill 1415 - Health and Safety Code Amendments; Advisory Council mission; current Advisory Council member biographies; presentations to the Advisory Council – efficacy of greenhouse gas caps at refineries, Advisory Council opinion, policy recommendation; and Advisory Council next area of focus – particulate matter (PM.)

NOTED PRESENT: Dr. Kleinman was noted present at 9:42 a.m.

#### Public Comments:

Public comments were made by Jed Holtzman, 350 Bay Area.

#### Committee Comments:

The Committee and staff discussed how politics impact the integration of scientists' and climate change experts' recommendations; the request for a District process that requires the Board to officially receive and respond to recommendations from the Advisory Council; the need for improved communication between the Board and Advisory Council, and the suggestion that quarterly reports to the Board from the Advisory Council be reinstated, that the Advisory Council be invited to present at Board meetings as needed, or the Executive Committee meets with the Advisory Council and reports back to the full Board about the Advisory Council's recommendations; the status of the District's efforts to establish a community/environmental justice advocacy body, and the challenges of integrating the environmental justice community into Advisory Council membership; whether the Advisory Council should be a scientific or environmental advocacy body; and the request for the District's public recruitment process for Advisory Council vacancies.

NOTED PRESENT: Director Miley was noted present at 10:22 a.m.

#### Committee Action:

None; receive and file.

### 4. REVIEW OF AIR DISTRICT PRIORITIES

Jack Broadbent, Executive Officer/Air Pollution Control Officer, gave the staff presentation *Review of Air District Priorities*, including: update on air quality; and key rule making efforts.

#### Public Comments:

No requests received.

Committee Comments:

None.

Committee Action:

None; receive and file.

**5. UPDATE ON ASSEMBLY BILL 617 (AB 617)**

Henry Hilken, Director of Planning and Climate Protection, gave the staff presentation *AB 617 - Protecting Community Health*, including: AB 6127 background; program components; community selection; how do we select all candidate communities; criteria under consideration; sources that impact the Interstate-880 corridor; how do we prioritize communities for action; community monitoring objectives, role, screening, and challenges; emissions reduction plans; emissions inventory; incentives; Best Available Retrofit Control Technology; AB 617 statutory and program deadlines; Community Air Risk Evaluation (CARE) provides foundation for AB 617; early AB 617 actions; and what's next?

Public Comments:

No requests received.

Committee Comments:

The Committee and staff discussed how AB 134 provided \$50 million to the District to support immediate reductions through Carl Moyer Program incentives; how the California Environmental Quality Act (CEQA) will be applied to local community action plans, Best Available Retrofit Control Technology (BARCT), and the California Air Resource Board's (CARB) statewide strategies to reduce emissions of criteria air pollutants and toxic air contaminants; how, when looking beyond attainment, correlation does not always imply causation, and how to select the proper variables to determine causation; low-cost sensors that that public has access to, and the need to curtail wood burning on non-Winter Spare the Air days; the need for the California Legislature to take more significant action to achieve diesel and PM emission reductions, rather than create modest grant programs that have minimal effects; the need for the District to collect copies of counties' Community Health Assessments that are conducted every few years; the importance of the District's relationships with County Health Officers; the need for joint legislation or regulation from local air districts *and* CARB, as air districts only have direct regulatory authority over stationary sources, but much of the air pollution is generated from mobile sources, which are regulated by CARB; the suggestion that the Advisory Council deliberates on the health risks and monitoring of nanoparticles and methane leakage from fracking; and how the monitoring of acute health issues, such as emergency room trips for asthma and cardiovascular disease and complications with newborns, can better measure the effectiveness of emission-reducing strategies than gathering data on mortality, life-expectancy, and cancer-risk rates, which are accumulated over lifetimes of exposure.

Committee Action:

None; receive and file.

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

Public comments were made by Jed Holtzman, 350 Bay Area.

**7. COMMITTEE MEMBER COMMENTS / OTHER BUSINESS**

Advisory Council Chairperson Hayes and Member Lipman both thanked the Executive Committee for the opportunity to combine both bodies.

Executive Committee Chairperson Hudson explained his reasoning for moving forward with the Ad Hoc Refinery Oversight Committee, despite pushback from the environmental justice community. He explained how his selection of the Ad-Hoc Refinery Oversight Committee members was based on geographic representation from all over the Bay Area, and how he hopes to have the Committee address things that Proposed Rule 12-16 would have addressed. Chair Hudson also stated that he is amazed at the rate at which various modes of transportation are becoming electrified.

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

The next Executive Committee meeting will be held on Monday, April 18, 2018, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

**9. ADJOURNMENT**

The meeting adjourned at 11:50 a.m.

Marcy Hiratzka  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson David Hudson and Members  
of the Executive Committee

From: Chairperson Valerie J. Armento, Esq., and Members  
of the Hearing Board

Date: April 2, 2018

Re: Hearing Board Quarterly Report: January – March 2018

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**RECOMMENDED ACTION**

None; receive and file.

**DISCUSSION**

During the first calendar quarter of 2018 (January - March), the Hearing Board:

- Held two hearings;
- Processed a total of six orders; and
- Collected a total of \$3,912.00 in filing fees.

Below is a detail of Hearing Board activity during the same period:

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**Location:** Sonoma County; City of Petaluma

**Docket:** 3698 - APCO vs. Spring Hill Jersey Cheese, Inc., et al – *Accusation*

**Regulation(s):** Regulation 2, Rule 1 (Permits, General Requirements); and Regulation 9, Rule 7 (Inorganic Gaseous Pollutants, Nitrogen Oxides and Carbon Monoxide from Industrial, Institutional, and Commercial Boilers, Steam Generators, And Process Heaters)

**Synopsis:** Complainant alleged on information and belief that since 2004, Respondents had owned or been operating a dairy facility in Petaluma, California without a District permit to operate two boilers and a milk dryer required pursuant to District Regulation 2, Rule 1, despite knowing about this requirement. Further, despite the prohibition to do so, Respondents had been operating the boilers, which violated requirements of District Regulation 9, Rule 7. Complainant sought an order that Respondents cease operating the unpermitted and non-compliant equipment until they complied with District Regulation 2, Rule 1 and Regulation 9, Rule 7.

**Background:** Accusation filed on February 28, 2017; Pre-Hearing Conference scheduled for March 28, 2017, was cancelled due to a schedule conflict of the Respondent; Hearing held on April

18, 2017; Stipulated Conditional Order for Abatement filed on April 19, 2017, requiring Respondent to:

- install new, or retrofit existing boilers at the Facility that comply with all applicable requirements of District Regulation 9, Rule 7 by September 30, 2017; and
- complete all necessary tasks to obtain a permit to operate the Facility, including Facility boilers, in compliance with District permitting requirements, including those set forth in Regulation 2, Rule 1, by September 30, 2017; and
- operate the Facility in accordance with a District permit to operate and in accordance with District Regulation 9, Rule 7, by October 2, 2017.

A Continued Hearing was scheduled for October 24, 2017, but Respondent's attorney was unable to attend, due to travel delay beyond his control, so the Continued Hearing was postponed until November 28, 2017; Complainant's counsel experienced a medical emergency on November 28, 2017, so the Continued Hearing was moved to January 9, 2018.

**Status:** Second hearing held on January 9, 2018; Minute Order filed on January 10, 2018; Second Conditional Order for Abatement filed on January 22, 2018, requiring Respondent to:

- submit a complete application for a permit to operate no later than close of business January 19, 2018.
- no later than March 9, 2018, submit to the Hearing Board, (with a copy of such documentation to Brian C. Bunger, District Counsel, on behalf of the Air Pollution Control Officer), either (a) copy of a current and valid District permit to operate the Facility, or (b) written affirmation executed by Respondents that they ceased operating boiler equipment at the Spring Hill Cheese facility and that they shall not recommence operations using a boilers until all applicable requirements to obtain and maintain a valid District permit to operate are met.

On February 8, Complainant sent a letter to the Respondent informing the Respondent that his permit application submitted on January 19, 2018, was determined incomplete by District staff, and requesting immediate submission of needed information to complete the application. No further update on status of application provided.

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**Location:** Contra Costa County; City of Richmond

**Docket:** 3702 – Chevron Products Company – *Request for Interim/Regular Variance*

**Regulation(s):** Regulation 2, Rule 1, Section 307 (Failure to meet permit conditions); and Regulation 2, Rule 6, Section 307 (Permits, Non-Compliance, Major Facility Review)

**Synopsis:** In March 2017 Chevron discovered that a furnace at its Richmond oil refinery was intermittently failing to comply with Air District-imposed emission limits for Nitrogen Oxides and Carbon Monoxide. Chevron immediately began trouble-shooting and tried substituting new burners in the furnace but was not able to solve the problem. Chevron sought a variance that would enable it to continue operating the furnace while it searched for a technical solution. The Air

District and Chevron subsequently negotiated an agreement allowing Chevron to continue operating while switching the furnace to natural gas, thereby at least temporarily avoiding the need for a variance. The negotiated agreement was provided to the Hearing Board for informational purposes.

**Background:** Applicant submitted application for interim/regular variance on October 30, 2017; Interim Variance Hearing originally scheduled for January 16, 2018, and Regular Variance Hearing originally scheduled for January 23, 2018;

**Status:** Interim Variance Hearing rescheduled from January 16, 2018 to January 23, 2018, and Regular Variance Hearing rescheduled from January 23, 2018 to February 13, 2018; Applicant requested to withdraw application on January 19, 2018; Order for Dismissal filed on January 25, 2018.

**Period of Variance:** October 27, 2017 to October 27, 2018.

**Estimated Excess Emissions:** 1.5 lbs/day of NO<sub>x</sub> (nitrogen oxides); 8 lbs/day of CO (Carbon Monoxide) (net emissions after mitigation)

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**Location:** Santa Clara County; City of Milpitas

**Docket:** 3703 – APCO vs. Arif Rana, et al - *Accusation*

**Regulation(s):** Regulation 2, Rule 1, Section 302 (Permit to Operate)

**Synopsis:** Respondents own or operate a gasoline dispensing facility in Milpitas, California, for which a District permit to operate is required pursuant to District Regulation 2, Rule 1. Complainant alleged that Respondents were conducting gasoline dispensing operations knowingly without a current or valid District permit to do so, despite Complainant's prior efforts to end the violation as of September 1, 2017, through a prior abatement action before the Hearing Board and a 2016 judgment from Santa Clara County Superior Court. Complainant sought an order that Respondents cease violation of District Regulation 2, Rule 1, continuing as of September 1, 2017.

**Background:** Accusation filed on December 29, 2017; Hearing scheduled for February 6, 2018.

**Status:** Hearing held on February 6, 2018, and Respondent was not present; Conditional Order for Abatement filed on February 16, 2018, requiring Respondent to:

- no later than the fifteenth (15th) calendar day after February 15, 2018, Respondents and their agents, employees, successors and assigns shall cease violation of District Regulation 2, Rule 1, Section 302 at 10 North Main Street, Milpitas, Santa Clara County, California, listed in the District's records as Facility Identification Number 112384 (Facility), either by (a) obtaining a valid Permit for the Facility current through September 2, 2018; or (b) ceasing operation of gasoline dispensing operations at the Facility unless and until they obtain a current and valid permit to do so; and

- demonstrate compliance with the Order by submitting to the Hearing Board either (a) a copy of a current and valid District permit to operate the Facility, or (b) written affirmation executed by Respondents that they ceased conducting gasoline dispensing operations at the Facility and that they shall not recommence gasoline dispensing operations, if ever, until they have met all applicable requirements to obtain and maintain a valid District permit to operate pursuant to District Regulation 2, Rule 1. Respondents shall deliver such documentation via electronic mail and certified mail to the Clerk of the Hearing Board, by no later than fifteen (15) calendar days from February 15, 2018, (with a copy of such documentation to Brian C. Bunger, District Counsel, also delivered via electronic mail and certified mail).
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**Location:** Santa Clara County; City of San Jose

**Docket:** 3704 – Chevron Products Company – *Application for Emergency Variance*

**Regulation(s):** Regulation 8, Rule 5, Section 305 (Organic Compounds, Storage of Organic Liquids, Requirement for Internal Floating Roof Tanks)

**Synopsis:** The Chevron San Jose Terminal is a petroleum marketing and distribution terminal, and receives petroleum products by pipeline and tanker truck. The Terminal blends products and distributes the blended products to retail gasoline facilities. Vapors generated during truck loading operations are captured and prevented from release into the environment. The Terminal operates petroleum storage tanks and blending equipment to provide fuel products to the market. Tank 148 (Source S# 8) is an internal floating roof denatured ethanol storage tank located at the Terminal. Tank 148 is equipped with both primary and secondary seals to minimize the release of volatile organic compounds. A leak was discovered on a weld seam in the access hatch on Tank 148. Repairs were attempted, but were unsuccessful. The Applicant is working expeditiously to remove denatured ethanol from Tank 148 and take the tank out of service to achieve compliance.

**Status:** Application for Emergency Variance filed by Applicant on March 19, 2018; District staff response received on March 22, 2018; Hearing Board response received on March 27, 2018; Order Denying Emergency Variance filed on March 27, 2018.

**Period of Variance:** March 14, 2018 to April 2, 2018

**Estimated Excess Emissions:** 0.04 lbs. per day of Volatile Organic Compound (net emissions after mitigation)

**Fees collected this quarter:** \$1,149.00

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**Location:** Solano County; City of Suisun City

**Docket:** 3705 – Potrero Hills Landfill, Inc. – *Request for Short-Term Variance*

**Regulation(s):** Regulation 2, Rule 1, Section 301 (Permits, General Requirements, Authority to Construct)

**Synopsis:** The Potrero Hills Landfill (PHLF) is a municipal solid waste landfill equipped with a landfill gas (LFG) collection and control system. The facility provides solid waste management services for the local communities, including collection, re-use, recycling, and disposal of municipal solid waste. The majority of the collected LFG is sent to a landfill gas to energy facility, which is permitted separately from the Landfill, in order to produce renewable energy. A Variance is being sought for the central function of the site: To accept and place municipal solid waste and other waste material in the landfill. Curtailing operations would deprive the community of vital public services. In addition, PHLF would suffer substantial economic losses if forced to curtail landfilling operations. An application for a landfill expansion at the PHLF was first submitted to the BAAQMD in 2004. Permitting was delayed for several years due to protracted legal challenges to Solano County's environmental approval of the project. These legal challenges were resolved in early 2014. Several applications updating the original application have subsequently been submitted since the original 2004 application, with the most recent permit application (application # [AIN] 27654) submitted on November 11, 2015. The intent of that application was to update and replace the original 2004 application (AIN 11378). BAAQMD determined the updated application to be complete on July 25, 2016; however, the District has not yet issued a permit. A primary factor in the delayed completion of the permitting is staffing/workload constraints on permitting staff, a factor beyond the control of PHLF. PHLF initially expected an Authority to Construct (ATC) increasing the cumulative disposal limit, based on the updated application, to be issued by the end of 2016. Now, in 2018, PHLF is rapidly approaching its current cumulative limit and expects to reach it by the end of March 2018. It is not feasible for PHLF to curtail operations, as it would deprive the community of vital public services. As such, a variance is needed to allow the landfill to continue landfilling operations.

**Status:** Applicant submitted an application for a short-term variance on March 22, 2018; Hearing scheduled for April 10, 2018; Applicant requested to withdraw application on April 3, 2018 due to negotiations with staff for a Compliance/Enforcement Agreement; Order for Dismissal filed on April 4, 2018.

**Period of Variance:** March 21, 2018 to Issuance of Authority to Construct

**Estimated Excess Emissions:** 21.66 tons of fugitive Particle Oxidation Catalysts emissions/year

**Fees collected this quarter:** \$2,763.00

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Respectfully submitted,

Valerie J. Armento, Esq.  
Chair, Hearing Board

Prepared by: Marcy Hiratzka  
Reviewed by: Vanessa Johnson

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson David Hudson and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 4, 2018

Re: Bay Area Regional Collaborative (BARC) Update

---

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Bay Area Regional Collaborative (BARC) consists of Board/Commission representatives of the four regional agencies and provides a forum for discussing issues of regional importance.

DISCUSSION

At the upcoming Executive Committee meeting, the BARC Director, Allison Brooks, will provide an update on the activities of the BARC.

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Vanessa Johnson

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson David Hudson and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 6, 2018

Re: Technology Implementation Office – Steering Committee Update and Fiscal Year  
Ending (FYE) 2019 Budget Preview

---

**RECOMMENDATION**

None; receive and file.

**BACKGROUND**

The Bay Area Air Quality Management District (Air District) established the Technology Implementation Office (TIO) to advance disruptive, cost-effective solutions to reduce Greenhouse gas (GHG) emissions in the Bay Area, that are also replicable in other regions. The TIO will cultivate partnerships and incentives for low carbon intensity practices including deployment of zero emissions vehicles and infrastructure and of technologies that reduce GHG emissions at stationary sources.

**DISCUSSION**

Staff will provide the Executive Committee a summary of input from the TIO Steering Committee meeting held on March 2, 2018. The summary will include an update on a new partnership being developed between the Air District and the California Infrastructure and Economic Development Bank (IBank). This prospective partnership would enable the Air District to offer loans and loan guarantees to Bay Area stationary facilities, through the IBank's existing processes. It is envisioned that Air District staff would provide matchmaking and technical evaluations that help expand the IBank's customer base and push implementation of eligible GHG reduction technologies. It is also envisioned that funding from the Air District will leverage IBank monies in a ratio as high as 10 to 1 to execute selected projects.

The goal of the Air District-IBank loan partnership is to create a revolving loan fund so that as project implementers pay back their loans, funding can be reinvested in additional GHG technology projects. When staff finalize all the terms of this partnership, they will be presented to the Executive Committee and Board for approval.

Staff will also update the Committee on a technology assessment study currently being undertaken by the TIO. This four-month effort (March to July 2018) will evaluate the climate, environmental, economic impacts and barriers for a wide range of greenhouse gas reduction technologies in order to make recommendations on which are the most promising. Projects implementing these technologies would then be recommended for funding.

Finally, staff will update the executive committee on its proposed budget for Fiscal Year Ending (FYE) 2019.

BUDGET CONSIDERATION/FINANCIAL IMPACT

As part of the FYE 2018 budget, the Board of Directors created a number of designated reserves including: \$1.5 million for a greenhouse gas abatement technology study and \$3.35 million TIO's GHG reductions program. As part of the proposed FYE 2019 budget, staff is recommending that these reserves be combined and that \$4 million be included in the FYE 2019 budget as seed funding for the proposed loan program with the IBank.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Derrick Tang, Ranyee Chiang  
Reviewed by: Damian Breen

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson David Hudson and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 3, 2018

Re: Approval of Candidate Communities for the AB 617 Program

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**RECOMMENDED ACTION**

The Committee will consider recommending Board of Directors approval of a letter to the California Air Resources Board (CARB) which describes the candidate communities for Assembly Bill (AB) 617 program implementation.

This letter will serve as the Air District's initial submittal on candidate communities for the state's Community Air Protection Program, as required by CARB. The Community Air Protection Program was established by the state to implement AB 617 (C. Garcia, Chapter 136, Statutes of 2017). AB 617 directs the state, in consultation with local air districts, to select communities that have a "high cumulative exposure burden" to air pollution. Once selected, these communities then become eligible to work with local air districts on community emission reduction programs and/or community monitoring campaigns.

**BACKGROUND**

Under AB 617, CARB is responsible for identifying communities for development of emission reduction plans and/or community monitoring campaigns. Identification of priority communities is necessary due to resource limitations, which only allow for a small number of candidate communities to be selected each year to develop emission reduction programs or monitoring campaigns. The state will select communities that will go forward with either action plans or monitoring in the first year of the program on October 1, 2018, with subsequent communities to be selected each year thereafter. CARB can select from the communities proposed by the Air District or from communities that have self-nominated directly to CARB.

The Air District is required to submit our recommendations in two parts. The first part, due April 30, 2018, describes all communities that the Air District determines may have a "high cumulative exposure burden." The second submittal to CARB, due July 31, 2018, must include the Air District's recommendation for prioritizing communities. Staff will be working extensively with community stakeholders on these prioritization criteria. Air District staff has already conducted two community meetings to hear from the public on this topic. We are planning 10 more meetings all around the Bay Area in April, May and June, to get more community input before we bring a recommendation to the Board of Directors in July.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Staff has evaluated the impacts of AB 617 and has included a request for additional staffing and other resources in the Fiscal Year Ending 2019 proposed budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Greg Nudd

Attachment: Letter to Richard Corey, CARB Executive Officer regarding Initial Submittal:  
Technical Assessment to Develop an Initial List of Candidate Communities for  
the Community Air Protection Program



**BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT**

Richard Corey  
Page 1

April XX, 2018

April XX, 2018

Richard Corey, Executive Officer  
California Air Resources Board  
1001 "I" Street  
Sacramento, CA 95812

**RE: Initial Submittal: Technical Assessment to Develop an Initial List of Candidate Communities for the Community Air Protection Program**

Dear Mr. Corey,

This letter serves as the Bay Area Air Quality Management District's (Air District) Initial Submittal on "candidate communities" for the state's Community Air Protection Program, as required by the California Air Resources Board. The Community Air Protection Program was established by the state to implement Assembly Bill 617 (C. Garcia, Chapter 136, Statutes of 2017). AB 617 directs the state, in consultation with local air districts, to select communities that have a "high cumulative exposure burden" to air pollution. Once selected, these communities then become eligible to work with local air districts on community emission reduction programs and/or community monitoring campaigns.

State law also requires the Air Resources Board to identify priority communities from the full list of candidate communities submitted by local air districts. Identification of priority communities is necessary due to resource limitations, which only allow for a small number of candidate communities to be selected each year to develop emission reduction programs or monitoring campaigns. The state will select communities that will go forward with either action plans or monitoring in the first year of the program on October 1, 2018, with subsequent communities to be selected each year thereafter. State selection of priority communities is to be based on local air district priority community recommendations. The Air District is required to submit recommendations on priority communities to the Air Resources Board by July 31, 2018.

To respond to the Air Resources Board initial submittal information requirements (See Attachment A), a description of all candidate communities for the San Francisco Bay Area is provided below. The Air District's Community Air Risk Evaluation (CARE) program<sup>1</sup> has historically served as the Air District's foundation for identifying communities impacted by and vulnerable to health impacts associated with cumulative air pollution. The identification process, described below, builds on that foundation, and incorporates additional areas identified with new data sources, tools, approaches and community-specific considerations. As required by the state, the Air District has developed an outreach plan and a schedule for working with community members to narrow down the full list of candidate communities to priority recommendations. The Air District's outreach plan, as well as a summary of existing community relationships, is also provided below.

**ALAMEDA COUNTY**  
Pauline Russo Cutter  
Scott Haggerty  
Rebecca Kaplan  
Nate Miley

**CONTRA COSTA COUNTY**  
John Gioia  
David Hudson  
(Chair)  
Karen Mitchoff  
Mark Ross

**MARIN COUNTY**  
Katie Rice  
(Vice Chair)

**NAPA COUNTY**  
Brad Wagenknecht

**SAN FRANCISCO COUNTY**  
Hillary Ronen  
Tyrone Jue  
(SF Mayor's Appointee)

**SAN MATEO COUNTY**  
David Canepa  
Carole Groom  
Doug Kim

**SANTA CLARA COUNTY**  
Margaret Abe-Koga  
Cindy Chavez  
Liz Kniss  
Rod G. Sinks  
(Secretary)

**SOLANO COUNTY**  
Pete Sanchez  
James Sperring

**SONOMA COUNTY**  
Teresa Barrett  
Shirlee Zane

Jack P. Broadbent  
EXECUTIVE OFFICER/APCO

Connect with the  
Bay Area Air District:



<sup>1</sup> <http://www.baaqmd.gov/plans-and-climate/community-air-risk-evaluation-care-program>

## 1. Description of Candidate Communities

As demonstrated in Figure 1, the Air District has identified high cumulative exposure burden areas, or candidate communities, in every county in the San Francisco Bay Area.<sup>2</sup> To identify areas for recommendation to the state, the Air District primarily considered communities that are within the Air District's CARE areas. The Air District also recommends areas not within CARE that have large sources of air pollution or have been identified via statewide screening tools as areas with pollution and/or health burden vulnerability. The Air District also recommends areas that have low life expectancy.<sup>3</sup>

Most candidate community areas in the SF Bay Area are in the region's urban core, with a few locations in more suburban or semi-rural areas. Approximately half of the Bay Area's population live in the identified areas.<sup>4</sup> In general, communities identified as high cumulative exposure burden areas have high levels of environmental exposures and/or

experience social or economic disadvantages. They may also have health burdens that increase vulnerability to environmental exposures. Specifically, identified communities experience higher levels of exposure to fine particles, diesel PM, and other pollutants, higher vehicle traffic and related impacts, more asthma emergency room visits, higher rates of cardiovascular disease, greater unemployment, lower educational attainment, lower life expectancy and higher incidences of poverty. These areas are also more racially and ethnically diverse; many areas are communities of color, where Hispanic, African-American and other non-white populations predominately live.

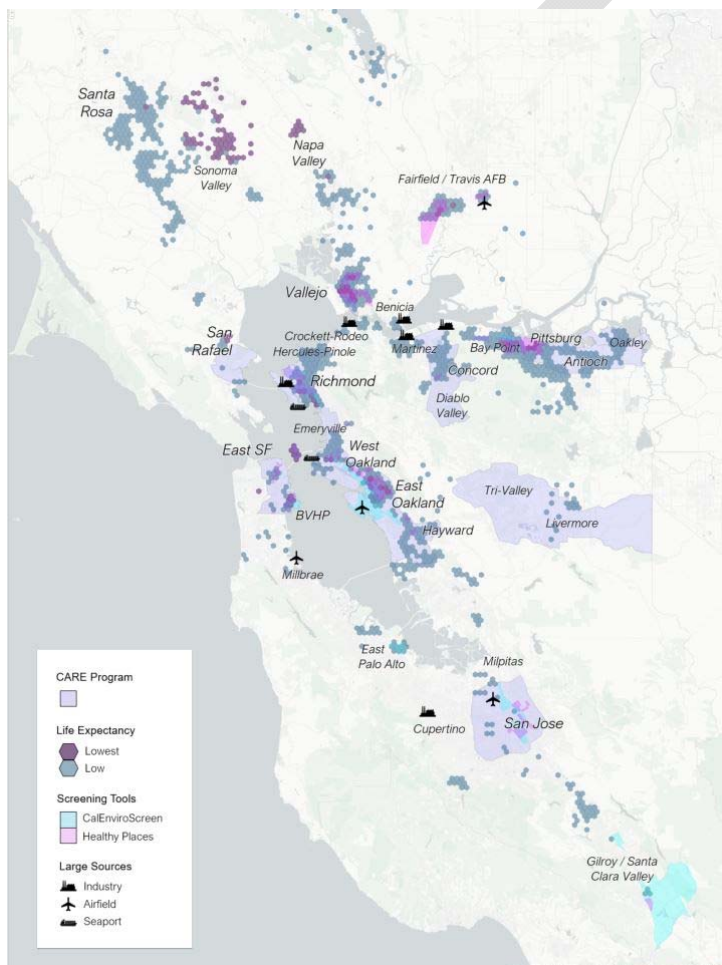


Figure 1: High Cumulative Exposure Burden Communities, SF Bay Area

<sup>2</sup> See Attachment B for full page version of Figure 1

<sup>3</sup> For a full description of the methodology used to identify high cumulative exposure burden areas, see response to question 2.

<sup>4</sup> U.S. Census Bureau



In the North Bay, areas of Sonoma and Solano and Napa Counties have been identified as high cumulative exposure burden areas. In Sonoma County, portions of Santa Rosa and in the rural areas of Sonoma Valley have been identified, primarily due to low life expectancy. In Marin County, areas of San Rafael have been included as high cumulative exposure burden areas due to exceedances of the 24-hr PM<sub>2.5</sub> standards in recent years and low life expectancy. Most of San Rafael is also a designated CARE area.

In Solano County, candidate communities include much of Vallejo, Benicia, and portions of Fairfield. Vallejo is near large industrial facilities and experiences high levels of PM<sub>2.5</sub> and health vulnerability, according to statewide screening tools; much of Vallejo is a designated CARE area and experiences low life expectancy. Benicia is impacted by petroleum refining facilities. Areas in Fairfield experience high cumulative health and exposure burden, have low life expectancy and are impacted by highway traffic and Travis Air Force Base.

In the East Bay, in Contra Costa County, along the Highway 4 corridor, areas in both Pittsburg and Antioch, as well as portions of Bay Point, Oakley and Brentwood, have been identified as having high cumulative exposure burden. Communities along the Highway 4 corridor experience high levels of traffic emissions, are in a designated CARE area, and have lower life expectancy, as well as health and exposure burden, as identified in statewide tools.

In western Contra Costa County, communities from El Cerrito to Crockett, including most of Richmond, North Richmond, San Pablo, Pinole, Hercules, and Rodeo, are also identified as high cumulative exposure burden areas. Richmond and Rodeo are home to petroleum refining facilities, and numerous other industrial, waste, goods movement and rail facilities. The Richmond- San Pablo area is in the region's CARE program, and experience low life expectancy.

In central Contra Costa County, along the Interstate 680 corridor, areas of Concord, Martinez, Pleasant Hill and Walnut Creek are identified as high cumulative exposure burden areas. Petroleum refining facilities impact Concord and Martinez communities, while heavy traffic impacts this entire region of the County. This part of central Contra Costa County, along I-680 is also in the region's CARE program. Areas around Concord and Martinez experience lower life expectancy. In the southern portion of the county, areas of north San Ramon, along Interstate 680, just north of the I-680 and I-580 interchange, are also included as candidate high cumulative exposure burden areas, as they fall within the Air District's CARE boundaries and have high ozone concentrations. The San Ramon area also experiences high levels of freeway traffic and associated impacts.

In northern and eastern Alameda county, along the I-680 and I-580 interchange, and along the I-580 corridor, areas in Dublin, Pleasanton and Livermore have been identified based on having the highest ozone concentrations, and therefore being a designated CARE area. Areas around Livermore also experience low life expectancy.

In western Alameda County, the I-580, I-237 and I-80 corridors, including portions of Hayward, San Leandro, large segments of Oakland, Emeryville and up the I-80 corridor, through Berkeley and Albany, have been identified as high cumulative exposure burden

areas. The Port of Oakland, Oakland Airport, a concentration of indirect and magnet sources, and railyards are all located in these communities. Virtually all the identified communities in western Alameda County are also in the Air District's CARE program, experience very low life expectancy, and pollution and health burden vulnerabilities, as identified in statewide tools.

In San Francisco County, communities in eastern San Francisco, including areas of the Tenderloin, Chinatown and Bay View Hunters Point are CARE areas and experience low life expectancy, and therefore have been designated as high cumulative exposure burden areas. Eastern San Francisco is impacted by high traffic freeways and railyards, in addition to numerous smaller sources of air pollution. Eastern San Francisco has pockets of poverty, very low employment and higher levels of diesel PM exposure.

On the Peninsula, in San Mateo County, portions of Millbrae, Redwood City and East Palo Alto have been identified as high exposure burden areas. San Francisco Airport and high freeway traffic volumes impact the Millbrae area. In addition, Millbrae, as well as areas in Redwood City and East Palo Alto, experience low life expectancy.

In Santa Clara County, in the South Bay, most of San Jose, areas near Alviso and much of Cupertino are identified as high cumulative exposure areas. Large sources in or near these areas include a cement manufacturer, power plants, water treatment plants, and landfills, in addition to major freeways and distribution centers. The San Jose area is also a designated CARE area, and there are numerous pockets of low life expectancy. The Gilroy area has also been identified due to high cumulative health and pollution burdens, as indicated by statewide screening tools. A water treatment plant, and steel and concrete plant impact the Gilroy area, in addition to mobile source emissions from major freeways and agricultural equipment.

Specific community boundaries for each of the areas described above will be determined in partnership with communities - as the Air District works with community members to identify priority areas, and on specific community monitoring campaigns and/or emission reduction programs.

## **2. Data Used to Identify High Cumulative Exposure Burden Areas**

To identify candidate communities that experience high cumulative exposure burden in the SF Bay Area, the Air District considered geographic areas that fell into one of four categories: 1) the Air District's CARE areas; 2) areas with large sources of air pollution; 3) areas identified via statewide screening tools, including both CalEnviroScreen 3.0 and the California Healthy Places Index; and 4) areas with low life expectancy.

### *Air District CARE Program*

The Air District first initiated a comprehensive program to address regional disparities in air pollution exposure and health effects in 2006. The Community Air Risk Evaluation (CARE) program is used to identify areas within the Bay Area where air pollution is most

contributing to negative health impacts and where populations are most vulnerable to air pollution.

Communities designated under the CARE Program have been identified using modeled concentrations of toxic air contaminants to estimate cancer risk and using increased mortality and illnesses from modeled and measured fine particulate matter (PM<sub>2.5</sub>) and ozone above levels experienced by other Bay Area communities. Population vulnerability was accounted for in estimating health impacts from air pollution by using a community's existing baseline rates of mortality and illnesses (from health records) to determine increases in mortality and illness from air pollution. Areas with episodic "exceedances" of ambient air quality standards for particulate matter or ground-level ozone were also identified through the CARE program.

#### *Large Sources*

Communities located near, or substantially impacted by large industrial sources and/or large goods movement facilities and other concentration of mobile sources, such as petroleum refining facilities, cement-kilns, rail yards, seaports and/or airports are also included in the Air District's recommendation for high cumulative exposure burden areas. Some communities in the Bay Area's recommended universe of high cumulative exposure burden areas that have large sources include: Vallejo, Benicia; Crockett-Rodeo; Cupertino; Fairfield; Hercules-Pinole; Richmond, Martinez, Millbrae; Milpitas; Oakland; and San Jose.

#### *Statewide Screening Tools*

**CalEnviroScreen**<sup>5</sup> is a mapping tool that uses environmental, health and socioeconomic information from state and federal government sources to identify California communities that are most affected by multiple sources of pollution, and where people are especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic data to produce scores for every census tract in the state. The scores are mapped so that different communities can be compared. Census tracts in the Bay Area that were ranked within the top 25 percent of statewide scores are included in the Air District's identification of high cumulative exposure burden areas.

**The California Healthy Places Index**<sup>6</sup>, developed by the Public Health Alliance of Southern California, includes diverse non-medical economic, social, political and environmental factors that influence physical and cognitive function, behavior and disease. The total score is used to screen for places with higher health burden. Census tracts in the Bay Area that rank within the top 25 percent of statewide scores are included in the Bay Area's recommendation for high cumulative exposure burden areas.

#### *Life Expectancy at Birth*

Communities with low life expectancy at birth are also included in the Air District's submittal of high cumulative exposure burden areas. Life expectancy data was obtained

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<sup>5</sup> <https://oehha.ca.gov/calenviroscreen>

<sup>6</sup> <http://healthyplacesindex.org/>

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from the California Healthy Places Index project. The average expected lifespan for a person born in the Bay Area in 2010 varies widely by community, generally ranging from 70 to 90 years. Approximately one-quarter of the Bay Area's population was identified as residing in a community with low average life expectancy, defined as 80 years or less.

### **3. Type of Criteria Used to Select Priority Communities**

To select priority communities from the universe of high cumulative exposure burden areas, the Air District is considering air pollution source characteristics and air pollution exposures, including from particulate matter, ozone, and toxic air contaminants. The Air District is also considering health burden and vulnerability factors that may lead to health sensitivities, including low life expectancy at birth.

### **4. List of All High Cumulative Exposure Burden Areas Considered as Candidates**

All high cumulative exposure burdens areas in the Bay Area that were considered as candidate communities have been included in this submittal. All candidate communities are described in response to item 1, above and depicted in Attachment B.

### **5. Outreach Plan to Select Priority Communities**

Below is a summary of an outreach plan, or outreach events, the Air District will hold to ensure community participation in the implementation of AB617 in the San Francisco Bay Area, especially with the identification of high cumulative exposure burden communities, and the selection of priority communities.

#### *2018 Monthly Activities*

##### **January**

- Hold first regional meeting to inform key stakeholders about AB6 17 and the Community Air Protection Program.
- Update Air District website and online engagement tool, Open-Air Forum, with community selection process information and send e-blast to list-serve for community nominations. Begin planning community meetings in the spring.

##### **February**

- Online survey through Open Air Forum on community selection criteria for high cumulative exposure burden "universe."
- Consult key stakeholders, including Air District Board, to inform planning of Spring workshops.
- Participate in CARB Bay Area Technical Summit and CARB Air Grants Program meetings on February 22<sup>nd</sup>.
- Contact Counties and/or Cities to solicit assistance with identifying venues, key stakeholders, and outreach lists.

### March

Develop and finalize locations and dates for community meetings in the following 11 areas based on the preliminary list of candidate communities. The community listed after dates below is the location where the meeting will be held, while communities in parenthesis are the communities who are invited to attend.

- **March 28:** San Leandro (San Leandro, Hayward, East Oakland)
- **April:** Vallejo (Vallejo, Benicia, Crocket, Fairfield)
- **April:** Pittsburg (Pittsburg, Bay Point, Antioch, Brentwood, Oakley, Bethel Island)
- **April:** Pleasant Hill (Martinez, Clyde, Concord, Pleasant Hill, Pacheco, Walnut Creek)
- **May:** San Pablo (Richmond, North Richmond, San Pablo, Pinole, Hercules, Rodeo)
- **May:** Tri Valley (Livermore, Pleasanton, Dublin, San Ramon)
- **May:** San Jose (Alviso, Redwood City, East Palo Alto, Cupertino, Milpitas, Fremont, Gilroy, San Jose)
- **May:** Fairfield (Fairfield, Napa, and surrounding area)
- **June:** Santa Rosa (Marin City, Canal District, Santa Rosa, San Rafael)
- **June:** Oakland (Alameda, Albany, Berkeley, Emeryville, Oakland)
- **June:** San Francisco, South San Francisco (Marin, San Francisco)

### Meeting goals:

- Present information and background of AB617
- Begin to prioritize all candidate communities into list for years 1 – 5 priority communities
- Begin to identify potential local partners and relevant stakeholders
- Solicit stakeholder guidance on community selection and grants

### April

- Reach out to community stakeholders in each planned workshop area.
- Work together with community stakeholders to craft each local agenda.
- Hold three local meetings: Vallejo, Pittsburg, Pleasant Hill

### May

- Reach out to community stakeholders in each planned workshop area.
- Work together with community stakeholders to craft each local agenda.
- Hold four local meetings: San Pablo, Tri-Valley, San Jose, Fairfield

### June

- Reach out to community stakeholders in each planned workshop area.
- Work together with community stakeholders to craft each local agenda.
- Hold three local meetings: Santa Rosa, Oakland, San Francisco
- Summarize feedback from local meetings and Open Air Forum
- Hold regional meeting for final input on priority communities

## July

- Summarize feedback from local meetings and Open Air Forum.
- Begin local engagement with years 2 – 5 communities.

## 6. Community Relationships in High Cumulative Exposure Burden Areas

The Air District has a long history of engaging with local communities in the region, and specifically in communities within identified high cumulative exposure burden areas. Over the years the Air District has conducted research, provided grants, developed plans, held workshops for rules, provided information and education, conducted outreach, provided sponsorships, conducted special air monitoring studies, and other community engagement activities. Below is a preliminary list of the Air District's community partners in high cumulative exposure burden communities. The Air District will seek to expand and enhance community partnerships as we implement AB 617.

### *Pittsburg, Bay Point, Antioch Area:*

- Ambrose District
- La Clinica de La Raza
- Pittsburg Freedom Breathers
- Pittsburg Unified School District

### *Benicia Area:*

- Benicians for a Safe and Healthy Community
- Citizens Climate Lobby of Contra Costa
- Interfaith Council of Contra Costa

### *Berkeley Area:*

- Community Science Institute
- West Berkeley Community Alliance
- Global Community Monitor
- Communities for a Better Environment

### *Concord:*

- Center for Human Development
- Monument Crisis Center
- Monument Impact
- 

### *Crocket, Rodeo, Hercules Area:*

- Citizens Climate Lobby of Contra Costa
- CRUDE
- Interfaith Council of Contra Costa
- P66 Fenceline Committee
- Rodeo Citizens Association

*Livermore, Pleasanton, San Ramon, Dublin Area:*

- Organizing for Action

*Martinez Area:*

- Local residents

*Oakland Area:*

- Bay Planning Coalition
- Breakthrough Communities
- Communities for a Better Environment
- Earth Justice
- East Oakland Building Healthy Communities
- East Oakland Collective
- Higher Ground Neighborhood Development Corp
- Idle-Free Oakland
- Mujeres Unidas
- Planting Justice
- Prescott-Joseph Center
- Rooted in Resilience
- Rose Foundation/New Voices Are Rising
- Urban Releaf
- Unity Council
- West Oakland Environmental Indicators Project
- West Oakland Health Collaborative

*Richmond Area:*

- APEN
- Citizens Climate Lobby of Contra Costa
- Communities for a Better Environment
- Generacion Vision y Futuro
- Neighborhood House of North Richmond
- North Richmond MAC
- Interfaith Council of Contra Costa
- Richmond Progressive Alliance
- Sunflower Alliance
- 350 Bay Area
- Rich City Rides
- RYSE
- Healthy Richmond
- The Latina Center
- West County Toxics Coalition

*San Francisco Area:*

- BVHP Advocates
- GreenActionBrightline
- EBHP EJ Response Task Force

- Hunters Point Families
- PODER
- Literacy for Environmental Justice
- Rafiki Coalition

*San Jose Area:*

- Sustainable Silicon Valley
- San Jose Green Ninja
- Boys and Girls Club

*San Leandro, Hayward Area:*

- Barbara Lee Center
- Ditching Dirty Diesel Collaborative
- Healthy 880 Coalition

*San Rafael Area:*

- Canal Alliance
- Canal Welcome Center
- Families for Clean Air
- Huckleberry Youth Programs

*Vallejo Area:*

- Fresh Air Vallejo
- Community Air Network
- Vallejo Activists

*Milpitas Area:*

- Milpitas Odor Group
- South Bay Eco Citizens

*Cupertino Area:*

- Citizens Against Pollution
- Breathe California
- Bay Area for Clean Environment

*East Palo Alto:*

- Youth United for Community Action

*Regional Organizations:*

CA Cleaner Freight Coalition, Center for Environmental Health, Greenlining Institute, TransForm, Sunflower Alliance, Air Watch Bay Area, Sierra Club, Brightline Defense, Citizens Climate Lobby, Friends of the Earth, 350 Bay Area, League of Women Voters, Regional Asthma Management and Prevention, Local Clean Energy Alliance, APEN, Rooted in Resilience, Breathe California, Families for Clean Air, Vision y Compromiso, Breakthrough Communities



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## 7. Additional Information: Information Submitted by Community Members

On January 31<sup>st</sup>, 2018 the Air District hosted a kick-off meeting attended by more than 60 members of the public representing a variety of stakeholder groups including, but not limited to, community-based organizations, residents, business/industry, academia, local, state and regional government, and health professionals. At this meeting, attendees learned about AB 617 from a panel comprised of Air Resources Board and Air District staff and community-based clean air advocates.

During the question and answer portion of the event, attendees shared ideas and concerns regarding AB 617. Summarized below are only the comments shared regarding candidate communities, or community selection and/or priorities:

- Vallejo: Vallejo is an impacted community and should be included as a priority candidate community. *Air District Note: Vallejo is included as a candidate community.*
- Benicia: Benicia is an impacted community and should be included as a candidate community. *Air District Note: Benicia is included as a candidate community.*
- Milpitas: Milpitas is an impacted community and should be included as a candidate community *Air District Note: Milpitas is included as a candidate community.*
- Bay Area: The Air District should consider monitoring campaigns in areas with high levels of residential wood burning.
- Bay Area: The Air District should prioritize communities in which there is community readiness for action. Communities with engaged partners and existing infrastructure to hold the demands of being an AB 617 Community.

After the Air District's kick-off meeting, the public had the opportunity to learn about and weigh in on the methods used to identify candidate communities through an online community engagement tool called Open Air Forum. As of March 26<sup>th</sup>, close to 150 unique visitors viewed Open Air Forum and 22 of them responded to a survey. The survey asked respondents to rate their level of support for the methods proposed to identify candidate communities. The respondents overwhelmingly support the use of CARE (79 percent), additional impacts (79 percent), and other large sources (79 percent).

Respondents were asked to provide additional criteria that the Air District should consider, respondents recommend that the Air District consider:

- Odors
- Heavy idling
- History of regulatory violations
- Income, race, and other factors that magnify health impacts
- Historical contamination: military bases & heavy industry

Respondents were also provided the opportunity to recommend a community that was not captured by our proposed methods. Seven out of the twenty-two respondents

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recommended the following communities: Vallejo, Mare Island, Pt. Richmond, Rodeo-Crocket, Benicia, Alviso and parts of Napa. All recommended communities are already included as Air District candidate communities.

Sincerely,

Jack P. Broadbent  
Air Pollution Control Officer

cc: Laura Zaremba-Schmidt, California Air Resources Board

DRAFT

## **Attachment A: Air Resources Board, Initial Submittal Information Requirements**

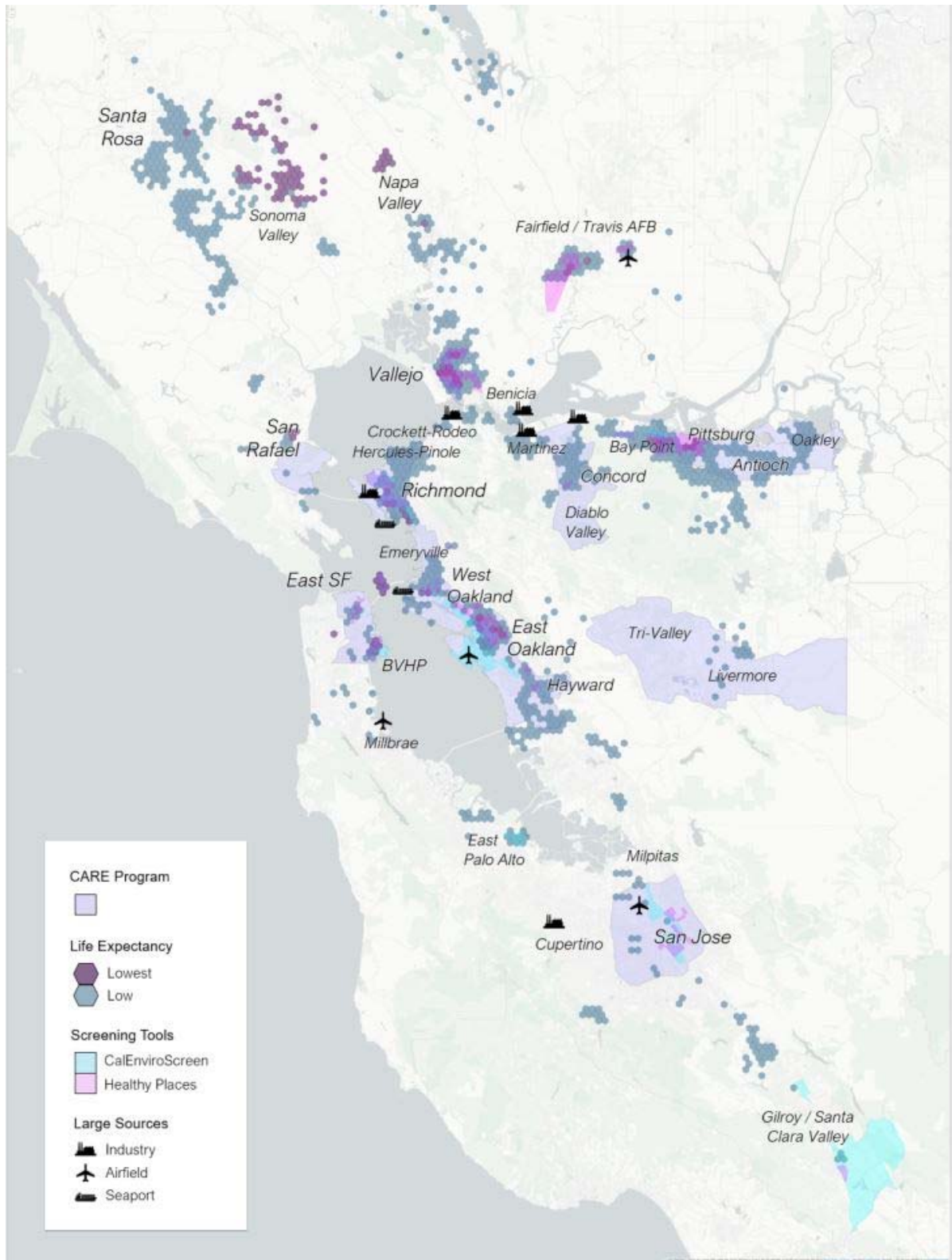
### **Initial submittal: Technical assessment to develop an initial list of candidate communities**

Due: April 30, 2018

Air districts submitting communities for consideration must provide information on the following elements in the initial submittal:

- 1) Provide specific information for each candidate community; including community description, identifying characteristics, and/or preliminary geographic boundaries.
- 2) Describe which data sources, tools, and approaches, including community-specific considerations, the air district used to assess high cumulative exposure burden (toxics and/or criteria pollutants) for this community recommendation process. An assessment using CalEnviroScreen 3.0 should be performed and the results provided. We expect many districts will use additional tools for analysis. If additional data sources, tools, and/or approaches are considered the submittal should include a description of the additional data sources (i.e., detail, refinement, representativeness) in the air district's response when discussing each community recommended or being considered.
- 3) Describe the type of criteria the air district will use to prioritize the candidate communities considered in their region. Submit any relevant information that may be used to make its 2018 recommendation.
- 4) Provide a list of all of the communities with high cumulative exposure burdens that were considered as candidates and provide a brief description of each community.
- 5) Describe the proposed public outreach approach and schedule to move from the preliminary list to the final recommendations for 2018.
- 6) Describe the air district's relationships with members of the recommended communities or community-based organizations located in the recommended communities.
- 7) Any additional information, including information submitted by community members, that helped inform the air district recommendations.

### Attachment B: High Cumulative Exposure Burden Areas, SF Bay Area



High Cumulative Exposure Burden Communities, SF Bay Area

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson David Hudson and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 16, 2018

Re: Update on My Air Online Permitting & Compliance System

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RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Staff will provide an update on the My Air Online permitting and compliance system progress for the first calendar quarter 2018 and discuss the goals for the remainder of the year.

DISCUSSION

**Production System Office**

The Production System Office is composed of the design, implementation and maintenance of the online permitting and compliance system, data management and analytics as well as the District's public websites. In the first calendar quarter of 2018, the Production System Office completed the following:

- Asbestos Renovation and Demolition compliance program
- Integration with the new financial system (JD Edwards 9.2)

Staff plans to complete the following items during the remainder of 2018:

- Implementation of complex facility emissions inventory reporting (BAAQMD Regulation 12, Rule 15)
- System enhancements to support toxic health risk assessments (BAAQMD Regulation 11, Rule 18)
- Enhanced investigations for air quality complaints
- Enforcement actions (violations and notices to comply) processing

- Enhanced facility inspection dashboards and form

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

Funding for the vendor contracts to support these activities will be provided from the Production System Office (#125) budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Blair L Adams  
Reviewed by: Damian Breen