



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

BOARD OF DIRECTORS  
EXECUTIVE COMMITTEE MEETING

COMMITTEE MEMBERS

ERIC MAR – CHAIR  
JOHN GIOIA  
SCOTT HAGGERTY  
JAN PEPPER  
BRAD WAGENKNECHT

LIZ KNISS – VICE CHAIR  
CAROLE GROOM  
DAVID E. HUDSON  
MARK ROSS

MONDAY  
NOVEMBER 21, 2016  
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**

*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.*

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

*(Public Comment on Non-Agenda Items Pursuant to Government Code § 54954.3) Members of the public are afforded the opportunity to speak on any agenda item. All agendas for regular meetings are posted at Air District headquarters, 375 Beale Street, San Francisco, CA, 94105, and at the Air District's website at least 72 hours in advance of a regular meeting. At the beginning of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's subject matter jurisdiction. Speakers will be limited to three (3) minutes each.*

*This meeting will be webcast. To see the webcast, please visit <http://www.baaqmd.gov/about-the-air-district/board-of-directors/resolutionsagendasminutes> at the time of the meeting.*

Staff/Phone (415) 749-

3. **APPROVAL OF THE MINUTES OF SEPTEMBER 19, 2016**

Clerk of the Boards/5073

*The Committee will consider approving the draft minutes of the Executive Committee meeting of September 19, 2016.*

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

J. Roggenkamp/4646  
[jroggenkamp@baaqmd.gov](mailto:jroggenkamp@baaqmd.gov)

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

5. **UPDATE OF REMOTE PARTICIPATION PROTOCOL FOR COMMITTEE MEETINGS**

J. Broadbent/5052  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Committee will receive an update of remote participation protocol for Committee meetings.*

6. **CLEAN AIR PLAN/REGIONAL CLIMATE PROTECTION STRATEGY UPDATE**

J. Roggenkamp/4646  
[jroggenkamp@baaqmd.gov](mailto:jroggenkamp@baaqmd.gov)

*Staff will update the Committee on the Clean Air Plan/Regional Climate Protection Strategy planning process.*

7. **ONGOING COMMUNITY GRANT PROJECT STATUS AND REPORT ON FIRST ROUND OF PROPOSED COMMUNITY SCIENCE PARTNERSHIP PROJECTS FOR FISCAL YEAR END (FYE) 2017**

J. Broadbent/5052  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Committee will receive an update on the James Cary Smith Community Grant recipients and the FYE 2017 Community Science Grants received.*

8. **UPDATE ON MY AIR ONLINE PROGRAM**

D. Breen/5041  
[dbreen@baaqmd.gov](mailto:dbreen@baaqmd.gov)

*Staff will provide an update on the My Air Online program goals for the 2016 calendar year, including progress in completing small facility permitting milestones.*

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 Committee Chair.*

11. **ADJOURNMENT**

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

**CONTACT:**

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

**(415) 749-5016**  
**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) 749-5016 or (415) 749-4941**

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

**NOVEMBER 2016**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Nominating Committee</b> <i>(At the Call of the Chair)</i>	Wednesday	16	9:00 a.m.	1 <sup>st</sup> Floor Claremont Room
<b>Board of Directors Ad Hoc Building Oversight Committee</b> <i>(At the Call of the Chair)</i>	Wednesday	16	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	9:45 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 Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	21	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 each Month)</i> - CANCELLED	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> - CANCELLED	Wednesday	23	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i> - CANCELLED	Thursday	24	9:30 a.m.	1 <sup>st</sup> Floor Board Room

**DECEMBER 2016**

<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	7	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Legislative Committee</b> <i>(At the Call of the Chair)</i>	Monday	12	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	15	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets 4<sup>th</sup> Wednesday of Each Month)</i>	Friday	16	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i> - CANCELLED	Monday	19	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 each Month)</i> - CANCELLED	Monday	19	10:30 a.m.	1 <sup>st</sup> Floor Board Room

## DECEMBER 2016

<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> - CANCELLED	Wednesday	21	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i> - CANCELLED	Thursday	22	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> - CANCELLED	Wednesday	28	9:30 a.m.	1 <sup>st</sup> Floor Board Room

## JANUARY 2017

<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	4	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Advisory Council Meeting</b> - <i>(At the Call of the Chair)</i> - CANCELLED	Thursday	5	10:00 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	16	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 each Month)</i>	Monday	16	10:30 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	18	9:45 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets 3<sup>rd</sup> Thursday of Every Other Month)</i>	Thursday	19	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.	1 <sup>st</sup> Floor Board Room
<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

HL – 11/14/16 (4:35 p.m.)

G/Board/Executive Office/Moncal

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
Memorandum

To: Chairperson Eric Mar and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: November 14, 2016

Re: Approval of the Minutes of September 19, 2016

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RECOMMENDED ACTION

Approve the attached draft minutes of the Executive Committee (Committee) meeting of September 19, 2016.

DISCUSSION

Attached for your review and approval are the draft minutes of the Committee meeting of September 19, 2016.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Marcy Hiratzka  
Reviewed by: Maricela Martinez

Attachment 3A: Draft Minutes of the Committee Meeting of September 19, 2016

## AGENDA: 3A – ATTACHMENT

Draft Minutes – Executive Committee Meeting of September 19, 2016

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  
Executive Committee Meeting  
Monday, September 19, 2016

#### **1. CALL TO ORDER – ROLL CALL**

As neither the Executive Committee (Committee) Chairperson, nor Vice Chairperson, were present at the beginning of the meeting, Director Hudson called the meeting to order at 9:38 a.m.

##### **Roll Call:**

Present: Committee Chairperson Eric Mar, and Directors John Gioia, Scott Haggerty, David Hudson, Mark Ross, and Brad Wagenknecht.

Absent: Vice-Chairperson Liz Kniss, and Directors Carole Groom and Jan Pepper.

Also Present: None.

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

Cupertino resident, Cathy Helgerson, addressed the Committee regarding the need for teleconferencing capabilities in the Board Room; her desire for the Lehigh Cement's Plant in Cupertino and the Stevens Creek quarry in Sunnyvale to be purchased under eminent domain and turned into state parks so that the quarries' dust and pollution would cease to affect residents; the threat of a new pit being mined next to the San Andreas fault line; additional cement plants being built in the Bay Area, and the drought in California.

#### **3. APPROVAL OF THE MINUTES OF MAY 16, 2016**

##### Public Comments:

No requests received.

##### Committee Comments:

Director Gioia asked staff to agendize the issue of teleconferencing capabilities from the Board room at the next Executive Committee meeting.



Committee Action:

Director Gioia made a motion, seconded by Director Wagenknecht, to approve the minutes of May 16, 2016; and the motion carried by the following vote of the Committee:

AYES: Gioia, Haggerty, Hudson, Ross, and Wagenknecht.  
NOES: None.  
ABSTAIN: None.  
ABSENT: Groom, Kniss, Mar, and Pepper.

**4. HEARING BOARD QUARTERLY REPORT: APRIL - JUNE 2016**

In lieu of presenting the quarterly report of the Air District Hearing Board for April through June 2016, Hearing Board Chairperson, Terry Trumbull, Esq., acknowledged the Executive Committee (and all of the Air District Board) members for serving on a regional board, as he said regional participation is often eclipsed by local efforts.

Public Comments:

No requests received.

Committee Comments:

None.

Committee Action:

None; receive and file.

**5. COMMUNITY GRANT PROGRAM GUIDELINES**

Jean Roggenkamp, Deputy Executive Officer, introduced David Ralston, Community Engagement Manager, who gave the staff presentation *Fiscal Year Ending (FYE) 2017 Community Grant Program Guidelines*, including: Community Science Grant Program background; FYE 2017 Community Science Grant Program elements; two-step process for grant selection; general grant eligibility; and recommendation.

Public Comments:

Cupertino resident, Cathy Helgerson, addressed the Committee regarding the need for the District to promote this program on a larger scale and advertise via newspapers and flyers to prospective applicants; apply for Federal grants to add to this program's funding; and the need for additional fence line monitors.

Dr. Raymond Tompkins, Clean Air Health Alliance, addressed the Committee regarding a grant application that he submitted for the first cycle of this program in 2015 which was not awarded, and which would have investigated health risks in the San Francisco neighborhood of Bayview-

Hunter’s Point. Dr. Tompkins advocated for impacted communities of color that tend to be overlooked but deserve the opportunity for funded research.

Committee Comments:

The Committee and staff discussed the difference between the criteria and dollar amounts allotted for the Community-Based Participatory Sponsored Research grant and the In-Classroom Air Science Teaching Support Small grant; schools’ ability to apply for the larger grant amount; Committee members’ individual circulation of program guidelines and application information to local networks; staff’s plan to have the Committee review preliminary results before new grants are awarded; and the status of progress for the first-cycle program grantees.

Committee Action:

Director Gioia made a motion, seconded by Director Wagenknecht, to recommend that the Board approve the Fiscal Year Ending 2017 Community Grant Program Guidelines; and the motion carried by the following vote of the Committee:

AYES: Gioia, Haggerty, Hudson, Ross, and Wagenknecht.  
NOES: None.  
ABSTAIN: None.  
ABSENT: Groom, Kniss, Mar, and Pepper.

**6. UPDATE ON CLIMATE FORWARD BAY AREA: A LEADERSHIP FORUM**

Ms. Roggenkamp introduced Lisa Fasano, Communications Officer, who gave the staff presentation *Climate Forward Bay Area: A Leadership Forum – Update*, including conference planning, date and location; speakers; agenda; registration; and sponsors.

Public Comments:

Cupertino resident, Cathy Helgerson, addressed the Committee regarding the lack of free admissions and publicity for this event in the community. Ms. Helgerson also said that she believes that residents impacted by air pollution, rather than businesses, should be the target audience for this event, and that all non-governmental organizations should be invited, rather than a select few.

NOTED PRESENT: Chair Mar was noted present at 10:19 a.m.

Committee Comments:

The Committee and staff discussed scholarship opportunities for members of the public and non-government organizations who wish to attend, and the importance of publicizing financial assistance more aggressively in the future; the possibility of free admission for the public in the future; anticipated attendance; the District’s focus on business interests and field experts at this year’s event and the Committee’s desire to see youth speakers included as well; and the types of participating sponsors.

Committee Action:

None; receive and file

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

Jack Broadbent, Executive Officer and Air Pollution Control Officer, requested that this item be postponed until the next meeting, due to the fact that the Stationary Source Committee was scheduled to meet directly after the Executive Committee and time was limited.

Public Comments:

No requests received.

Committee Comments:

None.

Committee Action:

At the consensus of the Committee, this item was tabled until the next meeting.

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

None.

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

Monday, November 21, 2016, Bay Area Air Quality Management District Headquarters, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

**10. Adjournment:**

The meeting adjourned at 10:26 a.m.

Marcy Hirtzka  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson Eric Mar and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/Air Pollution Control Officer

Date: November 14, 2016

Re: Bay Area Regional Collaborative (BARC) Update

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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: Jean Roggenkamp

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson Eric Mar and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: November 14, 2016

Re: Update of Remote Participation Protocol for Committee Meetings

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RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Prior to moving to 375 Beale Street, the Bay Area Air Quality Management District (District) identified the need for video conferencing capabilities for the Beale Street Boardroom and Multipurpose (MPR) room. This capability was envisioned to facilitate remote participation in District meetings by members of the Board of Directors (Board) and the public.

The District and the Shared Services Organization of the Bay Area Headquarters Authority (SSO) met prior to moving to 375 Beale Street and discussed the implementation of Boardroom and MPR video conferencing. It was jointly decided that, due to the complexity of the Boardroom audio-visual implementation, consideration for the videoconferencing technology would occur after move-in, once webcasting and recording features were proven in actual operation.

DISCUSSION

The SSO has engaged with its vendor Integrated Communication Systems (ICS) in order to design and estimate the level of effort to add video conferencing technology to the Boardroom and the MPR.

Representatives of the SSO will present an update to the Committee on the project status.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Additional budget may be required for the implementation of this technology. Estimates will be forthcoming from the SSO.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: John Chiladakis  
Reviewed by: Damian Breen

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Eric Mar and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: November 14, 2016

Re: Clean Air Plan/Regional Climate Protection Strategy Update

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Staff is updating the Clean Air Plan, the Air District's strategic plan to continue to improve air quality and health. In November 2013, the Board of Directors adopted a Climate Protection Resolution which included a provision directing staff to develop a comprehensive Regional Climate Protection Strategy as part of the Clean Air Plan update, with the objective of encouraging regional and local actions to support the long-range goal of reducing greenhouse gas (GHG) emissions 80% below 1990 levels by year 2050.

DISCUSSION

The Regional Climate Protection Strategy will be incorporated as a key element of the 2017 Clean Air Plan/Regional Climate Protection Strategy (2017 Plan). The 2017 Plan will define an integrated multi-pollutant strategy to further reduce emissions of criteria pollutants, air toxics, and greenhouse gases in order to attain air quality standards, safeguard public health, and protect the global climate.

The 2017 Plan will be based on the framework of economic sectors defined by the Air Resources Board (ARB) for the statewide AB 32 Scoping Plan. In preparing the plan, staff has analyzed Bay Area GHG and air pollutant emissions and projected emission trends, and developed proposed control measures to reduce emissions of GHGs and air pollutants from each economic sector.

Staff has met with stakeholders and has posted draft control measure descriptions for public review, to solicit input on potential control measures proposed for inclusion in the plan. Staff is finalizing the Draft Plan and anticipates releasing the Draft Plan for public review later this year. In addition, recent State legislation (SB 32) establishes a state-wide GHG reduction target for 2030. ARB staff is updating the AB 32 Scoping Plan to reflect policies and programs oriented towards the 2030 target. Staff will brief the Committee on potential control measures proposed

for the 2017 Plan, the status of the Scoping Plan update, and the next steps for completing the 2017 Plan.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Resources to develop the 2017 Plan are included in the Fiscal Year Ending 2017 budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Henry Hilken  
Reviewed by: Jean Roggenkamp



**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Eric Mar and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: November 14, 2016

Re: Ongoing Community Grant Project Status and Report on First Round of Proposed  
Community Science Partnership Projects for Fiscal Year End (FYE) 2017

**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

On September 19, 2016, the Board of Directors approved the guidelines for the FYE 2017 James Cary Smith Community Grant Program with a specific focus for this funding cycle on Community Science Grants. The FYE 2017 budget includes an allocation of \$250,000 for the Community Grant Program which is the second year of funding for this program. The overall James Cary Smith Community Grant Program was developed to expand efforts to reduce air pollution, further collaboration and direct community participation in the protection of our health and the environment.

Last year the Community Grant Program approved 11 projects in six-different counties for a total \$261,274 out of the FYE 2016 budget. Most of these projects are well-underway and are generating a lot of enthusiastic response. As per the intent of the program, all of the projects have direct partnerships with a community-based organization or with one or more local high/junior high schools and are presently engaging in activities that range from implementing local air pollution mitigation projects such as targeted tree planting and installing indoor air bio-filters, building community bike events and education initiatives, to conducting surveys and collecting air quality research in neighborhoods around schools (please see Attachment 7A for current status and highlights for each project).

For this year, staff released a call for grant proposals explicitly soliciting “citizen science”/community-based participatory research projects throughout the region in addition to a smaller grant pool targeting funds for supporting K-12 teachers implementing air quality curriculum projects. Staff has publicized and disseminated the grant overview and guidelines to our community stakeholder list and forward outreach material to each of the Board of Directors. Staff also held an informational grant workshop on October 20<sup>th</sup> for all prospective applicants.

This grant funding is available on a rolling basis until March 31, 2017 or until funds are expended and already staff has received four compelling proposals for projects in East Oakland, San Jose, Richmond and Bayview Hunters Point.

## DISCUSSION

Staff believes that the current FYE 2016 Community Grants that have been allocated are on track in achieving the stated program goals and intent including encouraging community-based solutions that can improve health while also helping reduce our global climate impact and focusing resources on localized areas within the region with high concentrations of air pollution.

Although one project (Cool the Earth) asked to withdraw, all remaining grantees have initiated work and are submitting required reporting documents. All projects are expected to be completed and funds expended by June 30, 2017. At the completion of projects, staff will invite grantees to showcase their projects and successes with the Board of Directors.

Meanwhile, following this first grant cycle, with encouragement from the Board of Directors and specific input from internal and external stakeholder groups, staff developed a focused Community Science Grant Program for the FYE 2017 cycle to hone the outreach and highlight the opportunity for applicants to partner with the Air District and bring together researchers and community groups for this new avenue of sponsored air quality science projects.

Staff developed guidelines for the Community Science Grant Program and following Board approval, put out a call for project proposals in early October. The process of selection involves review and scoring of submitted projects followed by vetting and scoping of proposed research design and application by an internal Air District Community Science working group consisting of representatives from Technical Services, Planning, Engineering and Enforcement. A partnership agreement and sponsored-research contract will be executed for suitable projects that meet the Air District's and Community Grant program goals.

To date, staff has reviewed a first-round of four excellent and promising proposals two of which have been scoped for developing a contract. Information on these grants will be presented to the Executive Committee. Staff is also in discussion with several other interested research and community partners throughout the region for potential projects. Staff continues to conduct outreach to invite grant proposals and in particular are doing extensive outreach to teachers and schools.

## BUDGET CONSIDERATION/FINANCIAL IMPACT:

Funding for this project is included in the FYE 2017 budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: David Ralston  
Reviewed by: Jean Roggenkamp

Attachment 7A: FYE 2016 Community Grant Project Status and Highlights

**Attachment 7A - FYE 2016 Community Grant Projects Status and Highlights (as of November 2016)**

Applicant and Community Partners	Project Name	(Grant Amount) and Project Description	Location	Status and Highlights
<p><b>Rose Foundation for Communities and the Environment – Bay Localize/Emilia Zapata Street Academy</b></p>	<p><b>Collaborative Air Quality Leadership Development</b></p>	<p>(\$25,0000). Develop Community Air Quality Leaders by combining education, hands-on mitigation projects, and community outreach.</p> <p>Project includes direct air quality lessons in classroom, hands-on tree-planting project at their school-site and the surrounding neighborhood; and outreach to share knowledge with the broader community.</p>	<p>North Oakland – CARE</p>	<p>Students in the spring quarter Growing Justice class participated in 3 lessons on air pollution, in which they explored correlations between asthma hospitalization rates and proximity to major roadways and truck routes, looked up their home neighborhoods on CalEnviroScreen, and learned about roles trees play in capturing CO2 and filtering pollution.</p> <p>During May and June, students collaborated with Urban Releaf to remove blacktop in the areas where trees were to be planted, then dug holes and planted 7 trees -- 5 inside of the fence and 2 in front of the school.</p> <p>The partners are now working, with student input, to develop a plan for planting an additional 28 trees in the neighborhood.</p>

<p><b>Earth Team - Oakland High, Richmond HS</b></p>	<p><b>Zero Carbon Schools/Sustainable Youth Internships</b></p>	<p>(\$24,527.00). Implement 2 Sustainable Youth Zero Carbon Internships with 30 high school students at 2 East Bay schools. Students will educate and engage campus and surrounding communities about air pollution, toxic carcinogens, GHG emissions and its impact on human health and also use SITA curriculum, Transportation Action Project (TAP) Calculator to assess baseline VMT-CO2 emissions informing student-driven mitigation action plans and alternatives for their school.</p>	<p>Richmond, Oakland – CARE</p>	<p>Currently in the campus outreach / recruitment phase at Richmond and Skyline High schools presenting the project objectives to over 500 students per campus and visiting over 20 classes in coordination with teachers participating in the Richmond HS Health Academy and the Skyline Green Energy Academy.</p> <p>The presentations will invite students to apply for an internship position and grantee are now receiving and processing the first applications, and scheduling interviews. Recruiting other project partner’s teams (14 per school) to start t project planning including student’s receiving initial curriculum instruction and formulating their ideas in the context of the project objectives.</p>

<p><b>San Francisco Bicycle Coalition Education Fund (with specific community-based organizations)</b></p>	<p><b>Community Bike Builds</b></p>	<p>(\$25,000). Work with San Francisco's most challenged and underserved neighborhoods to provide free bikes (re-using unclaimed bikes from public agencies) and bike safety classes to low-income individuals who want to bike but cannot afford a bicycle.</p> <p>Also: hold Community Bike Builds events; work with participants in advocating for improvements in biking conditions and in SR2S programs.</p>	<p>San Francisco - CARE areas</p>	<p>Provided free bikes and bike safety classes to low-income individuals who want to bike but cannot afford a bicycle. In reporting period, organized and held a bike build in the Bayview and Tenderloin.</p> <p>Participants have completed classes to receive locks, lights, and helmets. In March, partnered with Causa Justa: Just Cause to hold a bike build in the Bayview with 18 attendees (6 youth and 12 adults) who participated in our bike education class and received a bicycle, lock, helmet and lights.</p> <p>In April, partnered with the Vietnamese Youth Development Center to host a bike build in the Tenderloin. This event was well attended with 20 youth participated in bike education class and received bicycles, locks, helmets and lights.</p>

<p><b>Breathe California of the Bay Area – 2 High Schools in San Jose</b></p>	<p><b>Youth for a Cool Earth</b></p>	<p>(\$25,000). Collaborate with Santa Clara County schools “green” clubs to help youth understand the threat of climate change and motivate personal changes in behavior. Project will train youth as peer leaders to address problems at their schools, homes, and engage additional youth, parents and the general community to encourage lower polluting activities.</p>	<p>Santa Clara/San Jose – CARE</p>	<p>During the current reporting period Breathe California of the Bay Area, made follow-up contact with Lynbrook High School, in San Jose to participate in the Youth for a Cool Earth program. BCBA in collaboration with Silicon Valley Clean Cities Coalition worked to continue its Idle Box Campaign to assist these schools.</p> <p>Base line traffic observation of students entering/exiting the school occurred on September 12<sup>th</sup> through September 23<sup>rd</sup>. The traffic observation revealed cars idling increased during certain time periods of the day.</p> <p>Youth for a cool Earth mentor training began on September 26, 2016, and will continue for a 10-week period to train youth as peer leaders for environmental stewardship. This knowledge would allow the students to train other students and their community. 20 Lynbrook High School Students met to discuss Youth4CoolEarth Project</p>
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<p><b>Rails-to-Trails Conservancy/Rich City Rides/Richmond HS, Pogo Park</b></p>	<p><b>Richmond Rides! Celebrating Biking, BART, Buses and Breathing Better</b></p>	<p>(\$25,000). Promote bike/transit connection through fun family bike rides in Richmond and educate the community about the air quality impacts of transportation choices. Goal is to encourage more bicycling and transit use to improve individual and community health and air quality.</p> <p>Grant provides skills and training to overcome barriers to biking, share information about the air quality and health benefits of biking more and driving less.</p>	<p>Richmond/Iron Triangle – CARE</p>	<p>Held two community bike rides in Richmond and along Bay Trail in conjunction with Rich City Rides and held commuter fair and education with community groups and Richmond officials.</p>
<p><b>Hunters Point Family</b></p>	<p><b>The People's Harvest: Bayview Hunters Point Air Filter garden/trees/plants</b></p>	<p>(\$25,000). Support the Bio-filter Garden Project as an expansion of HPF's community gardens to include tree orchards and plants that provide significant air filtration properties as an air quality enhancement strategy.</p> <p>The project will also produce and distribute over 300 bio-filters to over 300 residents of the BVHP community to improve the air quality within their homes.</p>	<p>Bayview Hunters Point, San Francisco -CARE</p>	<p>To date, 14 youth from Bayview Hunters Point have been recruited and trained in permaculture, landscaping and air quality.</p> <p>Using parts of the environmental job readiness curriculum Roots to Success, participants of the HPF Bio Filter Garden program youth were trained in air quality, while using the history of Bayview for tangible learning.</p> <p>Participants met three times a week, for two to three hours a day over the months of June – August 2016.</p> <p>To date, a plan has been devised to plant 300 air filtering plants in community gardens throughout Bayview Hunters Point.</p>



<p><b>La Clinica de La Raza, Inc. – Escuela de Promotores/ Freedom Breathers</b></p>	<p><b>Pittsburg Air Quality Community Advocates</b></p>	<p>(\$25,000). Improve the respiratory health of Pittsburg residents through outreach, education, and advocacy by recruiting/ training 8 volunteer Promotores (lay Community Health Workers), developing a Community Action Model; conduct outreach and education at 6 community events; conduct 7 educational presentations to the Pittsburg community; contribute to Global Community Monitor and Pittsburg High School’s Freedom Breathers advocacy efforts.</p>	<p>Pittsburg – CARE</p>	<p>CHE Staff recruited 11 adult/senior new and existing Promotores to participate in the PAQCA Project.</p> <p>Training consultant conducted two separate Air Quality 101 training for five staff and 11 Promotores in September.</p> <p>11 Promotores will receive refresher training in the Escuela de Promotores and CAM in November. 1 CHE Staff will facilitate the refresher training.</p> <p>On October 1st two Promotoras and two La Clínica staff attended the Healthy Livable Pittsburg (HLP) Community Forum. The Promotoras were provided feedback on their concerns about air quality and suggested that air quality is an issue that is included in the HLP Community Action Plan.</p> <p>Additionally, on October 30<sup>th</sup>, Promotoras and staff will be attending a neighborhood meeting with representatives from the City of Pittsburg to advocate to air quality monitoring in Pittsburg.</p>

<p><b>Center for Climate Protection – 2 Santa Rosa High Schools</b></p>	<p><b>ECO2school Youth Leadership Development</b></p>	<p>(\$25,000). Help students develop projects that support healthy living, safe commuting, biking, walking, transit ridership, traffic decongestion, and improved air quality by working intensively with a group of youth leaders to quantify and reduce each school’s commute carbon footprint.</p> <p>The program includes educational trainings, biking field trips, leadership summits, and incentive programs which are integrated into existing school curriculum and school culture. Reduction activities culminates with an April ECO2school Challenge.</p>	<p>Santa Rosa</p>	<p>Held 6 on site leadership team meetings this school year and held Teacher Champion meetings at all three schools and met with school Administrators at all three schools.</p> <p>At Roseland Univ. Prep (RUP) school, two meetings with the leadership class, one meeting with leadership teachers and one meeting with administrator. There are seven students on the RUP leadership team and two youth advisory board members.</p> <p>At Sonoma Valley: 3 meetings with the Earth Club, one meeting with the club advisor and one meeting with the school principal. There are 33 students in Earth Club, 5 on the ECO2school leadership team and three youth advisory board members.</p> <p>At Maria Carrillo: 1 meeting with the ECO-club on September 28th. There are 6 students in their club.</p>

<p><b>Breathe California Golden Gate Public Health Partnership - Girls Inc.</b></p>	<p><b>O24u Air Quality Improvement Education Program</b></p>	<p>(\$25,000). Partner with Girls Incorporated of West Contra Costa in an afterschool setting to provide environmental and health education to 75 4th and 5th grade students and their families in an effort to educate and promote environmental literacy specifically around air quality and health effects with “hands-on minds-on” six-module curriculum over 18-36 weeks.</p>	<p>San Pablo/Richmond – CARE</p>	<p>In July, Audrey Abadilla was hired as the O24U Program Coordinator and an MOU was developed for subcontractor Breathe California Sacramento-Emigrant Trails.</p> <p>The Coordinator received training from the subcontractor and the process of tailoring the existing curriculum to better reflect the Bay Area community began. Examples and cited articles were exchanged with local references and photos were edited to better reflect the community participating in the program so the 4th and 5th graders in the program would be more likely to see themselves/their community reflected on the pages of their workbooks.</p> <p>Meetings began with Girls Inc. of West Contra Costa County and an MOU was developed. In September, the Girls Inc. Associate Director of Programs and the O24U Coordinator were fully trained by Breathe California Sacramento. Girls Inc. also hired their site facilitator who began learning the O24U program to build their organization's capacity to offer environmental health education.</p> <p>Curriculum was finalized and the evaluation tools for participants, facilitators, and families were successfully designed to ensure the program captures progress and can measure program objectives.</p>
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<p><b>Strategic Energy Innovations - Castlemont, San Leandro HS, Oakland Tech, Vista Richmond HS</b></p>	<p><b>SEI Air Quality Education &amp; Improvement Program</b></p>	<p>(\$24,647). Develop and implement an Air Quality Education Program engaging 4 CARE high school in citizen science projects through energy conservation and low-impact transportation campaigns.</p> <p>Project leverages existing materials from HabitatMap’s AirBeam data collection tool, AirCasting online database for monitoring, STi air pollution curriculum, Vivergy air quality calculator.</p> <p>Students will explore green transportation and energy conservation supported by a \$100,000 match from PG&amp;E. Project culminates with a professional conference for students.</p>	<p>San Leandro, Oakland and Richmond – CARE</p>	<p>Progress report not yet submitted</p>
<p><b>Cool the Earth – 9 High Schools in the Marin and San Francisco</b></p>	<p><b>Engaging Children and Bay Area Communities in Climate Change Solutions Project</b></p>	<p>(\$12,000). Provide the CTE School Program to 12 underserved schools.</p> <p>The free program is a parent/volunteer run K-8 educational program engaging students in the issues of climate change, including both health and climate effects of air pollution.</p> <p>The program educates and motivates students and their families to take actions to reduce carbon emissions.</p>	<p>San Francisco, Marin/San Rafael – CARE</p>	<p>Applicant withdrew proposal due to lack of capacity of organization. Funds redistributed.</p>

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson Eric Mar and Members  
of the Executive Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: November 14, 2016

Re: Update on My Air Online Program

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RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Staff will provide an update on the My Air Online program goals for Fiscal Year End (FYE) 2017, including progress in completing small facility permitting milestones and website enhancements.

DISCUSSION

In the 2016 calendar year, the My Air Online Program have completed the following activities:

- Support for online permitting and mobile inspections of emergency/standby diesel engines;
- Support for online processing for asbestos renovation and demolition jobs;
- Enhanced support for compliance and enforcement operations;
- Migration of small boilers to new online permitting system; and
- New online wood smoke complaint and investigation processing.

Staff plan to complete the following items for the remainder of the FYE 2017:

- Migration of legacy registered sources of air pollution to newer online permitting platform;
- Mobile inspections for asbestos renovation and demolition notifications;
- Online stipulated abatement order agreements for small boilers;
- Enhanced dispatching and mobile investigations for air quality complaints;
- Enforcement action processing; and
- Foundation for complex facility permitting enhancements.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding for the vendor contracts to support these activities will be provided from the My Air Online Program (#125) budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Jaime A. Williams

Reviewed by: Damian Breen