



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

# Candidate Recommendations for Advisory Council

**Jack P. Broadbent**

Executive Officer/Air Pollution Control Officer

**Jeff McKay**

Deputy Air Pollution Control Officer



# SB 1415 H&SC AMENDMENTS

- SB 1415 amends the Health and Safety Code as of July 1, 2015
- Ends the current council, and reconstitutes the membership of the council to include 7 appointed members
- Requires the members to be skilled and experienced in the fields of air pollution, climate change, or the health impacts of air pollution and to include a diversity of perspectives, expertise, and backgrounds.
- Advisory Council members continue to serve a term of 2 years.



# ADVISORY COUNCIL RESTRUCTURE

- Seven Advisory Council Members
  - Capable of Broad Perspectives
  - Understand the Air District's Role
  - Oversee Convened Meetings of Subject Matter Experts
- Subject Matter Experts (approximately 25)
  - Drawn from academia and industry
  - Pre-screened for interest and availability
- Staff Lead
  - Arrange Meetings
  - Support Advisory Council Members



# RECOMMENDATION

- Currently Appointed: Stan Hayes
- Recommend to the Board of Directors appointment of the following candidates to the Advisory Council:
  - Severin Borenstein
  - Tam Dudoc
  - Robert Harley
  - Michael Kleinman
  - Tim Lipman
  - Jane CS Long



# BACKGROUND

Proposed Member	Background	Air Pollution	Health	Climate
Stan Hayes	Member and former chair, Advisory Council, 1995-2007, 2009-; Principal Emeritus, Ramboll Environ; 40 years, research consulting	X	X	X
Severin Borenstein	Professor of Business Administration and Public Policy, Haas School of Business, University of California, Berkeley			X
Tam Dudoc	Member and former chair, State Water Resources Control Board; served as Deputy Secretary, Cal/EPA, directed environmental justice	X	X	
Robert Harley	Professor in Civil Engineering; University of California, Berkeley; former member, Advisory Council	X		
Michael Kleinman	Professor, Environmental Toxicology, Adjunct Professor, School of Medicine, University of California, Irvine	X	X	
Tim Lipman	Energy and environmental technology, economics, and policy researcher and lecturer; Co-Director, Transportation Sustainability Research Center, University of California, Berkeley	X		X
Jane CS Long	Contributing Scientist, Environmental Defense Fund; Chairman, California Council on Science & Technology's committee on California's Energy Future; Former Associate Director of Energy and Environment, Lawrence Livermore National Laboratory			X



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# **James Cary Smith**

## **Community Grant Program**

### **Fiscal Year End (FYE) 2016**

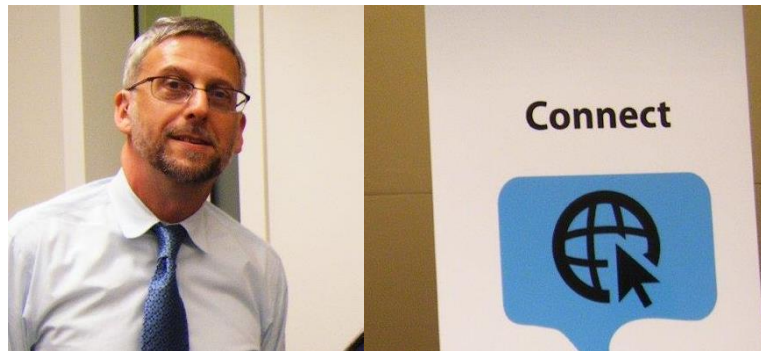
**David Ralston**  
Community Engagement Manager

Executive Committee  
September 23, 2015

# Community Grant Program Background

**This effort builds on the 2009/2010 pilot community grant program which demonstrated a high interest amongst community organizations:**

- ❖ Over \$2.17 M requested from 57 applicants throughout the Bay Area
- ❖ \$250,000 allocated for 6 grants

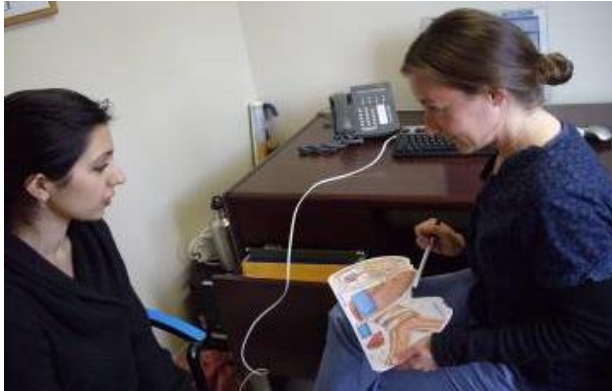






## In 2009 the Air District funded projects around:

- Multi-media youth education about climate change and our Spare the Air campaign projects;
- Asthma self-management education and screening services projects;
- Increased access to science and environmental health curriculum;
- Resident education about healthy air and alternative transportation





# Why Reestablish the Community Grant Program?

- ❖ Helps the Air District directly engage community groups in accomplishing our mission
- ❖ Allows the Air District to focus resources on CARE communities and other areas exposed to high levels of air pollution
- ❖ Fulfills a key priority coming out of the Air District's ***Public Participation Plan***
- ❖ FYE 2016 budget includes \$250,000 allocation for Community Grant Program



# FYE 2016 Community Grant Program Elements

- Cap grant awards at \$25,000 to allow more varied projects to be funded;
- Make grants accessible to community-based organizations, neighborhood associations, and schools;
- Prioritize funds towards CARE communities and communities close to major roadways;
- Emphasize partnerships, visible local engagement, leadership and learning.



# Grant Areas of Focus

## *Education and Engagement*

Focus on education, local partnership building and community engagement which can also be combined with targeted air pollution “outreach” campaigns



# Grant Areas of Focus (cont.)

## ***Local Air Pollution Impact Mitigation Projects***

Examples include projects that show strong levels of community engagement and direct implementation especially with a focus around sensitive receptor sites like schools, playgrounds and so forth



## ***Community-Based Participatory Research/“Citizen Science”***

Encouragement of active partnerships that can involve “citizen science” including research projects and pilot studies (such as air monitoring studies and planning that can be done with Air District technical assistance and guidance)



# Proposed Timeline

Dates	Milestone
June 4, 2015	Presented to the Public Engagement Committee proposal to develop new grant program for FY 2015-16
July-August	Reviewed and refined Grant Proposal and Guidelines with stakeholders and internal staff
<b>September–October 2015</b>	<b>Present Community Grant Program Guidelines to Air District Board of Directors</b>
October 15, 2015	Release grant guidelines and conduct outreach
December 1, 2015	Deadline for Air District receipt of Community Grant applications
December 31, 2015	Selection and notification of grantees
March 31, 2016	Deadline to execute agreement
June 30, 2017	Deadline to expend funds and complete projects





# Recommendation

- Recommend that the Board of Directors approve the FYE 2016 Community Grant Program Guidelines





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# Update on Ozone in the Bay Area

Christy Riviere  
Principal Planner

Executive Committee  
September 23, 2015

# Overview of Presentation

- Background on national ozone standard
- Bay Area attains 2008 ozone standard
- US EPA's review and possible update to ozone standard
- Implications of new ozone standard
- Next steps



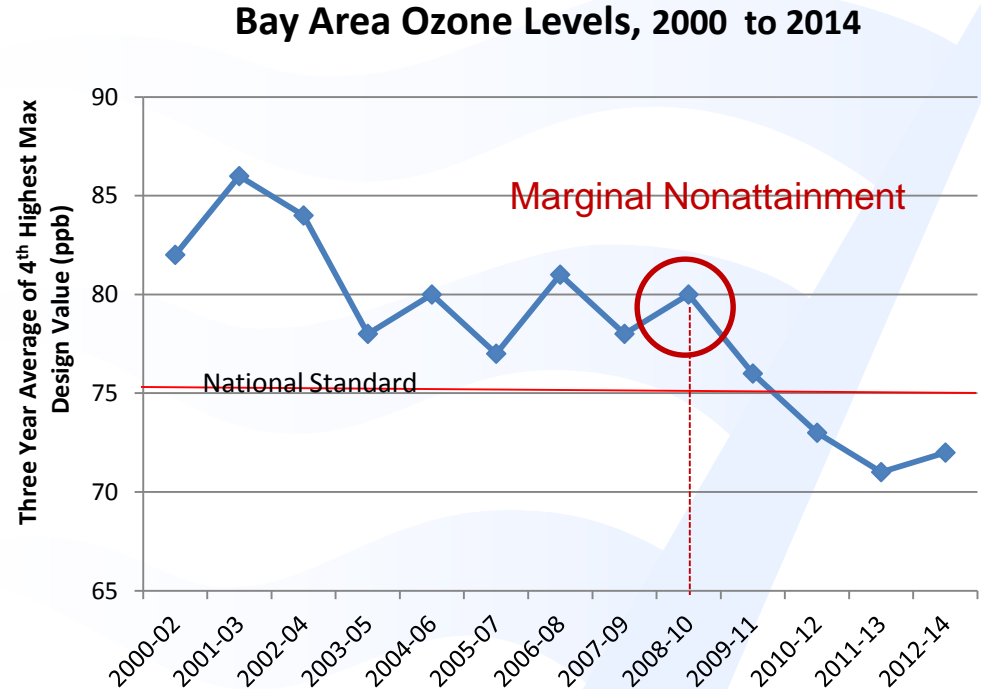
# National Ozone Standard

- The Clean Air Act requires that US EPA set *national ambient air quality standards* (NAAQS) for ozone and other criteria pollutants.
- The Clean Air Act requires primary standards to be “requisite to protect public health with an adequate margin of safety,” including the health of groups of people considered more at risk.
- The law requires EPA to review the standard every five years.
- Current ozone standard is 75 parts per billion (ppb), averaged over 8-hours



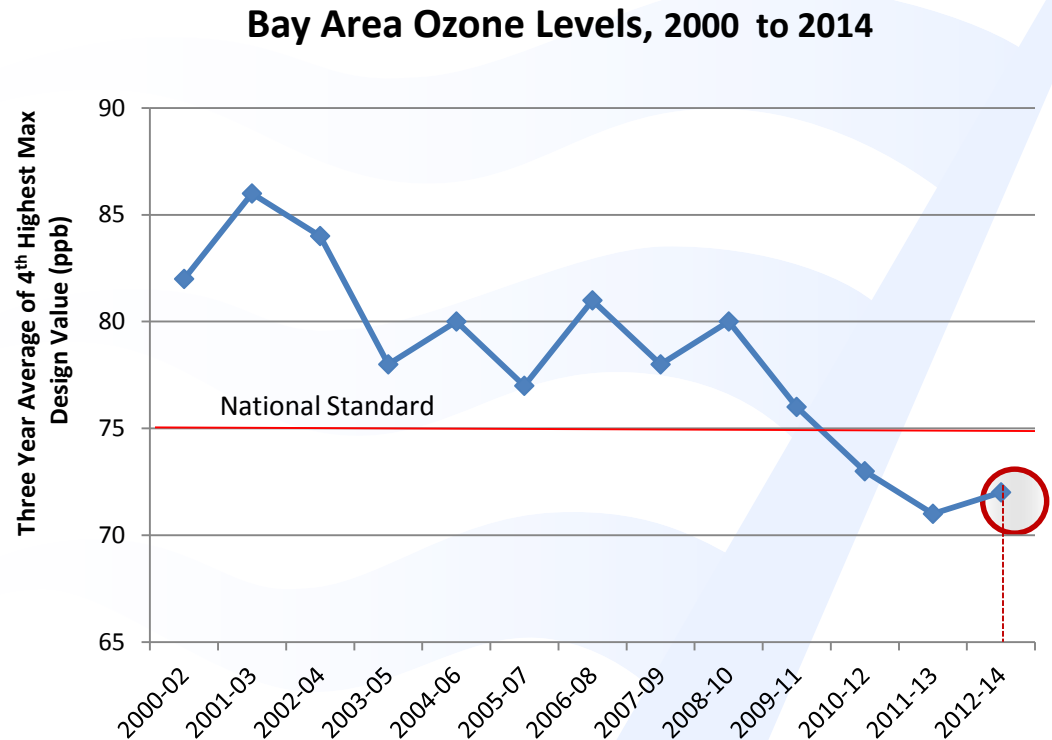
# National Ozone Standard

- In 2012, the Bay Area was designated as a “marginal” nonattainment area for the 2008 standard
- Marginal classification is lowest on 6 level scale - no State Implementation Plan required, only demonstrate progress toward attainment, within 3 years
- Attainment is demonstrated using 3-year average of the 4th-highest daily maximum concentration - average cannot exceed 75 ppb



# Bay Area Attains 2008 Standard

- On August 19, 2015 US EPA proposed to determine that the Bay Area has attained the 2008 ozone standard by the attainment date of July 20, 2015.
- Proposed action based on ozone monitoring data for 2012- 2014 period





# Review of Ozone Standard

- The Clean Air Act requires US EPA to review air quality standards every five years to determine whether they remain “requisite to protect public health with an adequate margin of safety,” based on the latest scientific evidence on ozone and health
- On November 25, 2014, EPA completed its review of 8-hour ozone standard and proposed to *lower* it within the range of 65 to 70 ppb
- Bay Area would likely be classified as “non-attainment” for lower standard



# Likely Schedule for New Ozone Standard

- By October 1, 2015: US EPA completes its review of 2008 NAAQS for ozone, new standard to be proposed in the Federal Register

## *If new, lower standard adopted, then:*

- October 1, 2016: State makes recommendations on attainment designations
- October 1, 2017: US EPA finalizes designations *(120 days prior there is comment period before designation signed)*

## *If Bay Area classified as “marginal” nonattainment area, then...*

- March/April 2018: Effective date of designations
- March/April 2021: Deadline to demonstrate attainment of new standard *(3 years from effective date)*
- September/October 2021: EPA determines whether or not Air District attained the standard by attainment date



# Next Steps

- Continue aggressive strategies to reduce ozone precursor emissions, in preparation of new, more stringent, national ozone standard
- Many ozone control measures also have co-benefits in reducing other pollutants and GHGs
- If new ozone standard is adopted, work with ARB on data submission/attainment determination

