



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

# Board of Directors Special Meeting / Retreat

Board of Directors Retreat • Wednesday, January 21, 2015



# RETREAT OVERVIEW

- Opening Comments by Board Chair, Carole Groom
- State of the Air District Overview
- Air Quality Summary
- Administrative & Financial Overview
- Update on Advisory Council Restructure
- Update on Community Programs
- Update on 375 Beale Street
- Production System and Website Project Update
- Key Policy Initiatives
- Standing Committee Assignments & Goals



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# Opening Comments by Board Chair

**Chairperson Carole Groom**

Board of Directors



# State of the Air District

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**Jack P. Broadbent**

Executive Officer/Air Pollution Control Officer



# STATE OF THE AIR DISTRICT

## Overview

- Progress continues to be made but significant challenges remain
- Overall good Outlook for the Air District
- Financial security, but remain mindful of resources
- Preparing for upcoming changes with move and technology upgrades
- Key Policy Initiatives



# Air Quality Summary

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**Jack P. Broadbent**

Executive Officer/Air Pollution Control Officer

**Jean Roggenkamp**

Deputy Air Pollution Control Officer

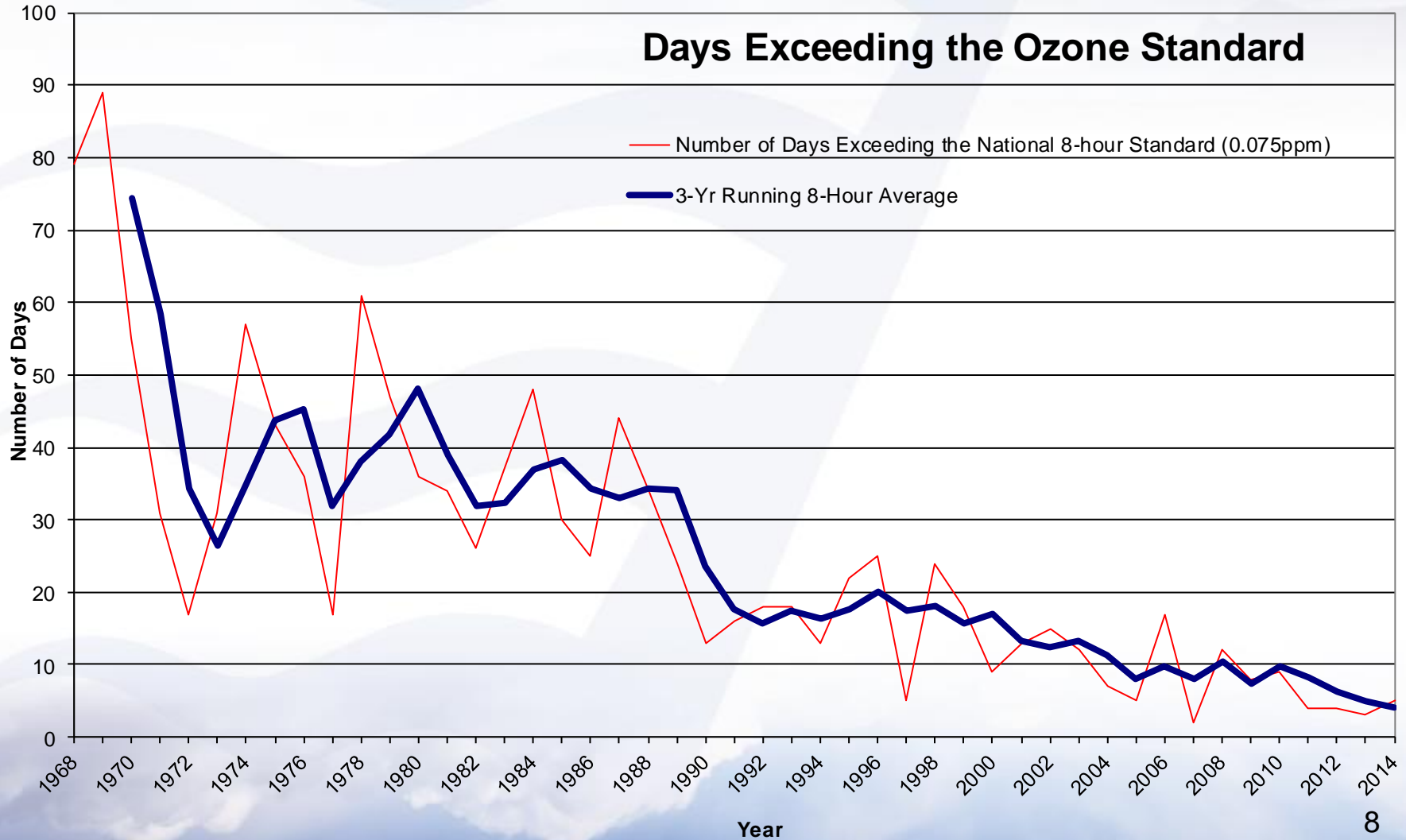


# BAY AREA AIR QUALITY CONCERNS

- **Ozone (O<sub>3</sub>)**
- **Toxic Air Contaminants (TACs)**
- **Fine Particulate Matter (PM<sub>2.5</sub>)**
- **Climate Pollutants (e.g. GHG)**



# OZONE EXCEEDANCE TRENDS 1968 TO PRESENT

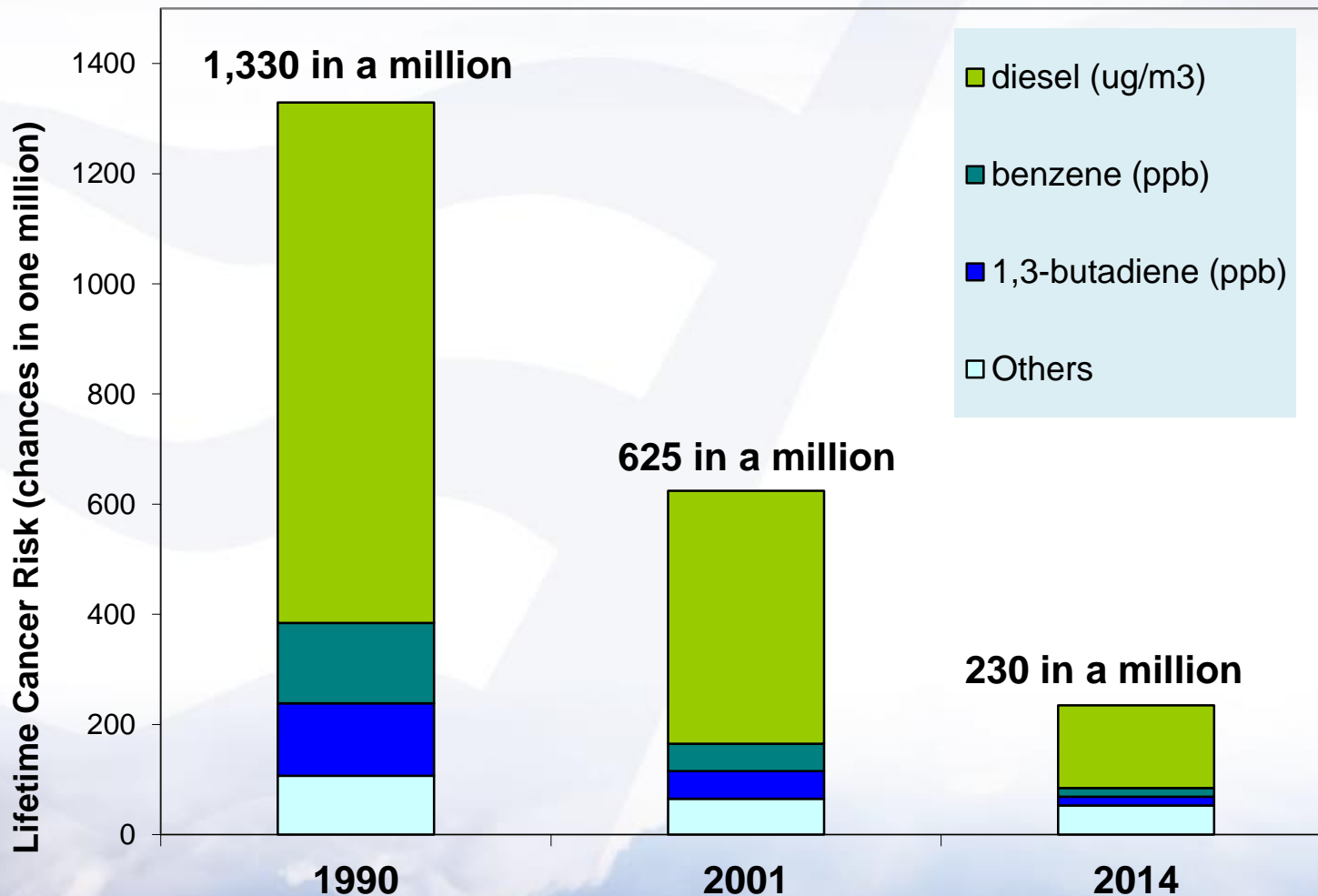






# AIR TOXICS TRENDS

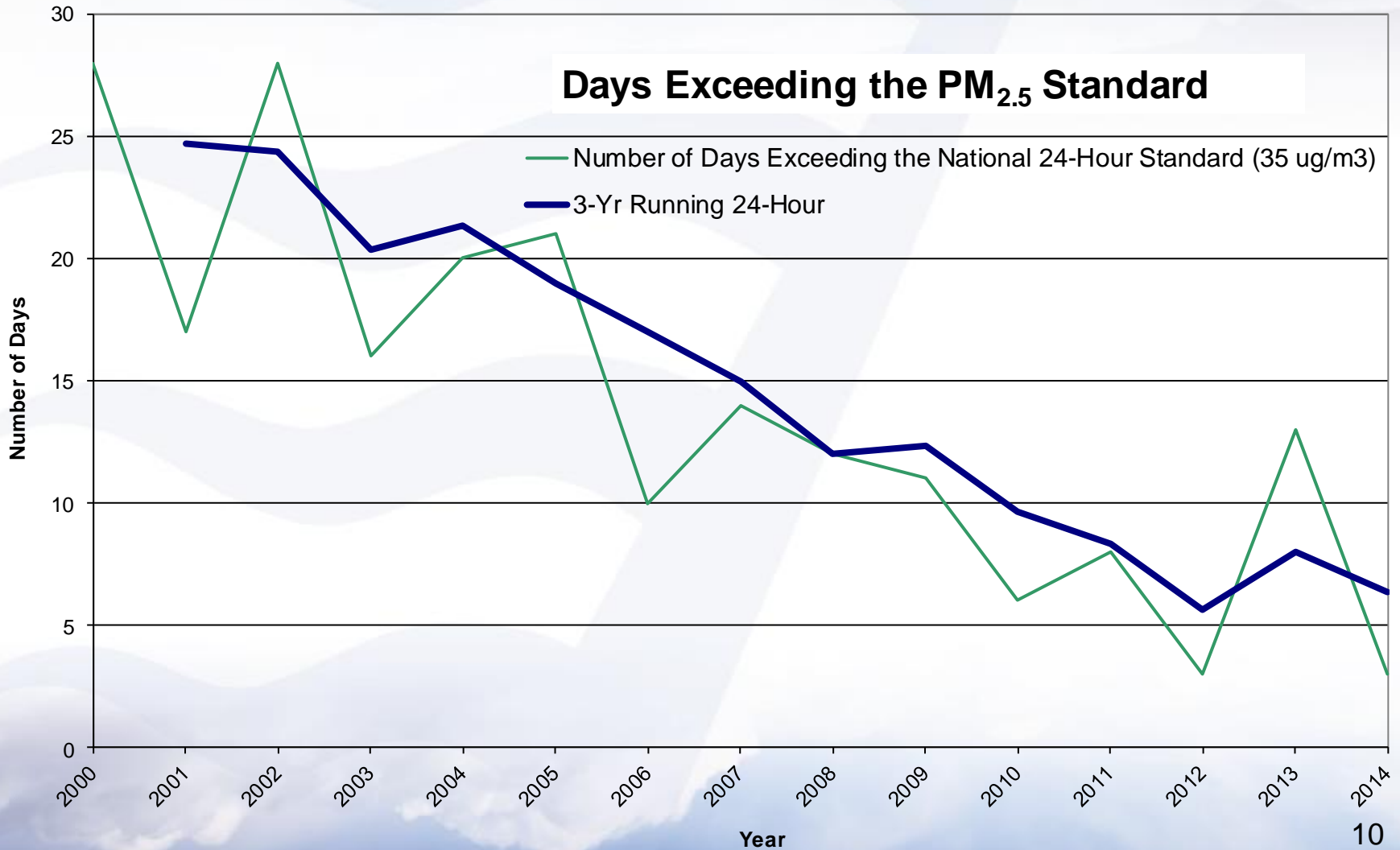
## 1990 – 2001 – 2014





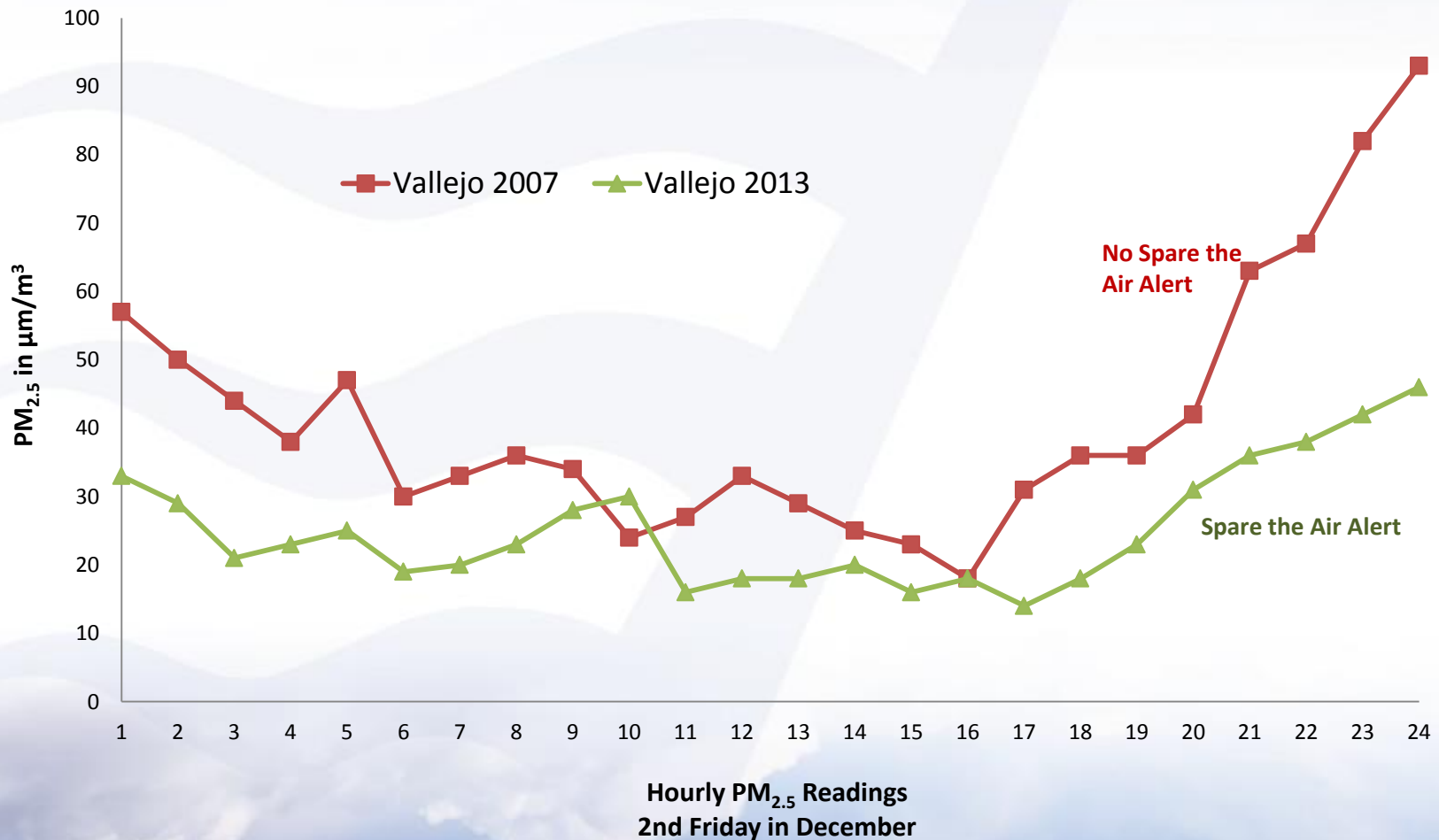
# PM<sub>2.5</sub> EXCEEDANCE TRENDS

## 2000 to Present





# SPARE THE AIR A COMPARISON OF PM<sub>2.5</sub> LEVELS 2007 AND 2013





# WINTER SPARE THE AIR

## PM<sub>2.5</sub> REDUCTIONS

- Survey results indicate daily household burning decreased by 50% and # of frequent burners also reduced by 50%
- <sup>14</sup>C analysis indicates compliance with WSTA alerts is 30% to 50%
- Speciation analysis indicates wintertime wood burning has decreased by 40% overall



# BAY AREA GHG EMISSIONS TRENDS

## 1990 – 2050





# IMPROVING BAY AREA AIR QUALITY

- Enforce existing regulations
- Update multi-pollutant Clean Air Plan
- Develop new regulations
- Implement 10-point Climate Action Work Program
- Implement Refinery Emission Reduction Strategy
- Incorporate new health risk guidelines into permitting
- Continue Clean Air Communities / CARE Program
- Award new grants
- Engage the public
- Promote the Spare the Air Program
- Collaborate with sister agencies
- Update tools (e.g. MyAirOnline)
- Foster teamwork; hire additional staff



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# Questions & Discussion Air Quality Summary

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# Administrative & Financial Overview

**Jack P. Broadbent**

Executive Officer/Air Pollution Control Officer

**Jeff McKay**

Deputy Air Pollution Control Officer





# FINANCIAL SUMMARY

## RECENT HISTORY

### Fiscal Status

- Multi-Year Effort Restored Reserves
- Personnel Costs were Reduced With Attrition
- Fees Increased, but Still Below Costs
- Retirement Medical Liability 40% Funded



# FINANCIAL SUMMARY

## TOPICS FOR FYE 2016 BUDGET

- Hiring Remains a Priority
- Unfunded Liabilities Required in GAAP Accounting
- Continuation of Cost Recovery Policy
- Transition to Mortgage and Condo Fees



# PERSONNEL COSTS

	Number (#)	Percentage (%)
FTE Filled	311	85%
Vacancies	54	15%
Total FTE	365	100%



# PURCHASE OF 375 BEALE STREET

- Air District entered into Lease/Purchase Agreement with BAHA for approximately 75,000 square feet at \$385/sq ft.
- Air District Financing completed November 2013
- Purchase Occurs upon Move-In
- MTC, the Air District and ABAG will co-habit under terms of a Condominium Agreement



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# Update on Advisory Council Restructure

**Jack P. Broadbent**

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# SB 1415 H&SC AMENDMENTS

- SB 1415 amends the Health and Safety Code as of July 1, 2015
- Abolishes the current membership of the 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 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





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# Update on Community Programs

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# Community Engagement Program

- Hire Community Engagement Manager
- Upgrade Air District Website
- Develop and launch Community Council
- Re-establish Community Grant Program
- Continue implementing Public Participation Plan
- Report progress to Public Engagement Committee



# 375 Beale Street Regional Agency Headquarters Status Report

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**Jack P. Broadbent**

Executive Officer/Air Pollution Control Officer

**Damian Breen**

Deputy Air Pollution Control Officer



# 375 BEALE STREET UPDATE





# STATUS REPORT

- Construction and Furniture Procurement
- Move Coordinator Update
- Air District Internal Move Planning Strategy
- Public Spaces / Shared Agency Spaces
  - Atrium/Security Desk/Reception
  - Board Room
  - Board/Committee Conference Room
  - Multi-Purpose Room
  - Level 07 Agency Reception
  - Level 06 Atrium Waiting + Coffee Bar
  - Level 08 Atrium Waiting



# CONSTRUCTION UPDATE

- 1) Framing of offices, conference rooms and the installation of utilities and plumbing work - started in July, 2014 on the 6<sup>th</sup> floor, has begun on 7<sup>th</sup> floor
  - Suspension Stairs on Levels 6 – 8, have been installed
  - Atrium glass installed on Levels 6 & 7
  - Concrete poured for Board Room Seating/Dias
  
- 2) Target Move Date to 375 Beale is December, 2015  
(Contingent Upon Drug Enforcement Agency (DEA) move-out in February, 2015)
  
- 3) Construction Schedule Revised to Account for DEA Relocation Delays
  - Tenant Move-out – February 1, 2015
  - Agency Move-in – December, 2015



# FURNITURE PROCUREMENT UPDATE

- 1) Approved Furniture Mock-Ups Re-installed
  - Offices on 6<sup>th</sup> floor and Workstations on 4<sup>th</sup> Floor
  
- 2) Assignment of employee offices and workstations, and the selection of employee office and workstation furniture has been completed
  - Will review budget estimates on furniture selections from all agencies in February, 2015
  
- 3) Next Steps:
  - Selection of Furniture Finishes- Preliminary review of fabric/finishes/paint options for offices and workstations
  - Review options for Task Chair Sit Test – Preliminary review of options of chairs for office/workstations including: task, executive office seating, board member/dias and conference room
  - Review of Executive Office Configurations with agencies





# MOVE COORDINATOR UPDATE

- 1) Relocation Connection Inc., selected as the move coordinator vendor in November, 2014
  - Agency representatives project team began meeting with Relocation Connection, in early December
  - Bi-monthly meetings began on Tuesday, January 6, 2015
- 2) Draft Timeline and move activities prepared with December, 2015 move-in date
  - Incorporates construction schedules and will also include furniture, IT, and new building fit-up with the move activities
- 3) Vendor Coordination Meetings to begin January 23, 2015



# INTERNAL MOVE STRATEGY

- 1) Development of a Internal Move Process Underway -
  - Records Management
    - Review of Retention Policies/Procedures
    - Paper Reduction
    - Outside Storage Retained (Richmond)
    - Arrange for Shredding Bins, Purging Bins
- 2) Reviewing Operational Impacts prior to, during and after move:
  - Minimize Disruption;
  - Orderly transition to 375 Beale Street
- 3) Issuance of Request for Proposal for Disposition of Office Furniture Underway
- 4) Issuance of Request for Proposal for Hazardous Material/Waste Disposal



# CONSTRUCTION PHOTOS



**Figure 1: On Level 6 –Office Framing**



**Figure 2: Offices being walled in on Level 6**



# ATRIUM VIEW



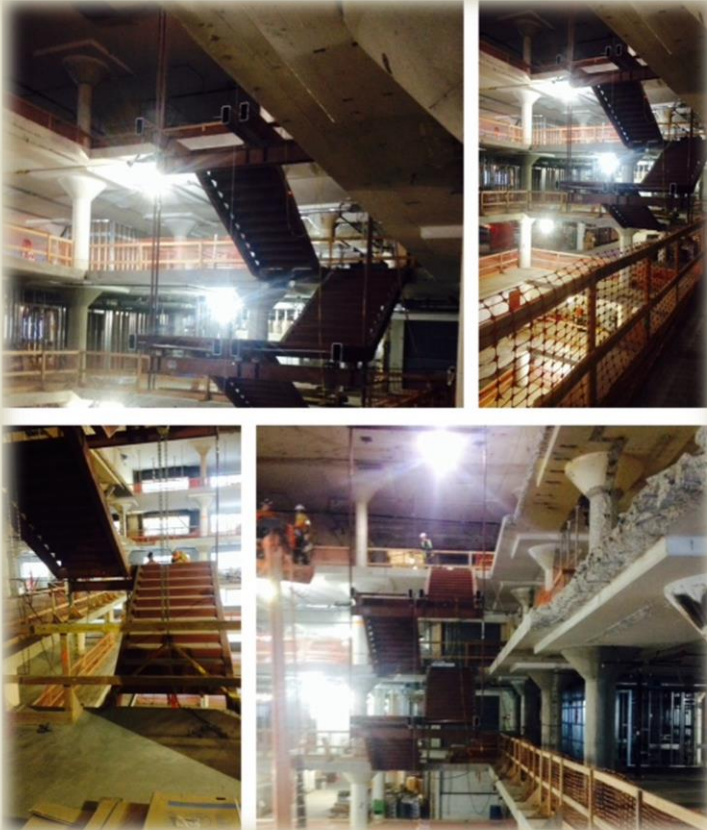
**Figure 3: View across atrium of framing on Level 6**



**Figure 4: Atrium Skylight Support**



# ATRIUM



**Figure 5: Installation of suspension stairs in the atrium connecting Levels 6 & 7 and 8 of agency floors**



**Figure 6: View of atrium glass on Level 6 & 7**



# BOARD ROOM SEATING



**Figure 7: Concrete poured of board room seating and dias**

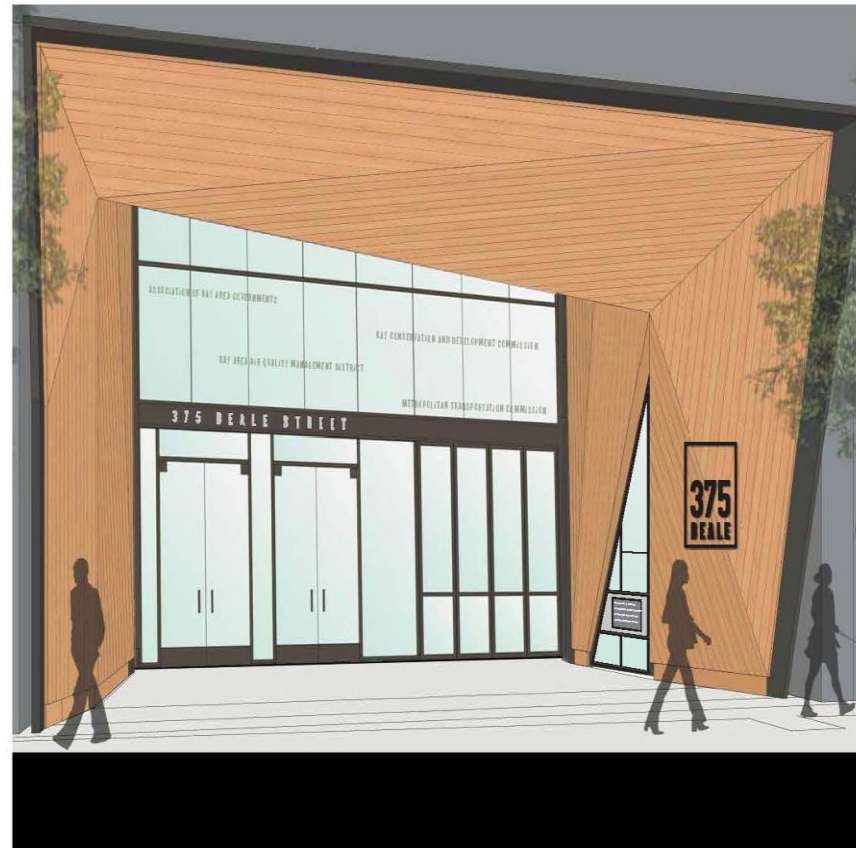


# TILE INSTALLATION IN RESTROOMS





# PUBLIC SPACES AT 375 BEALE







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# Questions & Discussion

## 375 Beale Street

### Regional Agency

## Headquarters Update

**Jack P. Broadbent**

Executive Officer/Air Pollution Control Officer

**Damian Breen**

Deputy Air Pollution Control Officer



# Production System & Website Project Update

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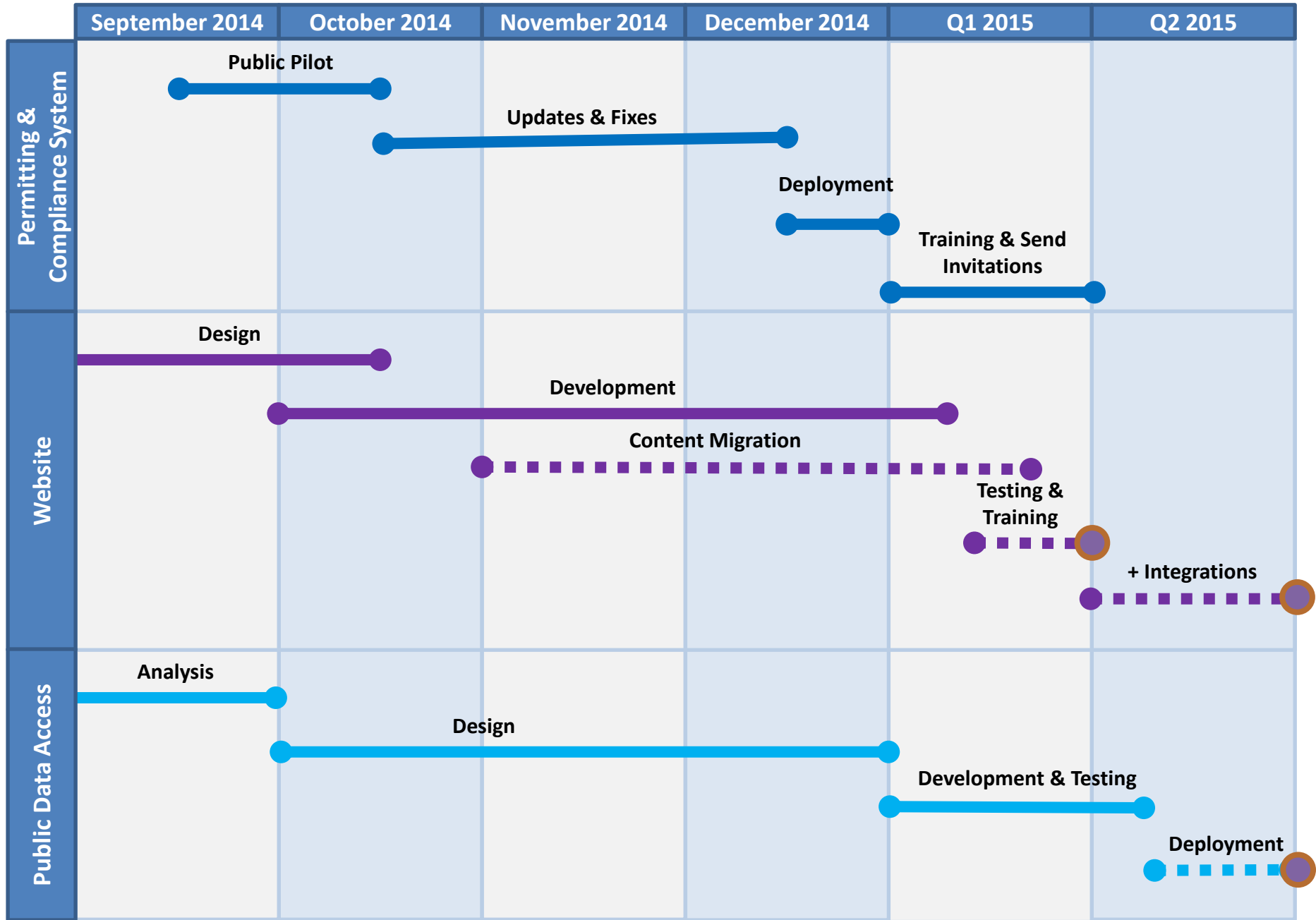
Deputy Air Pollution Control Officer



# MY AIR ONLINE 2014-2015 PLAN

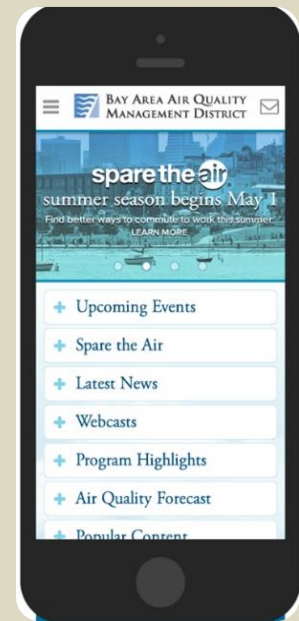
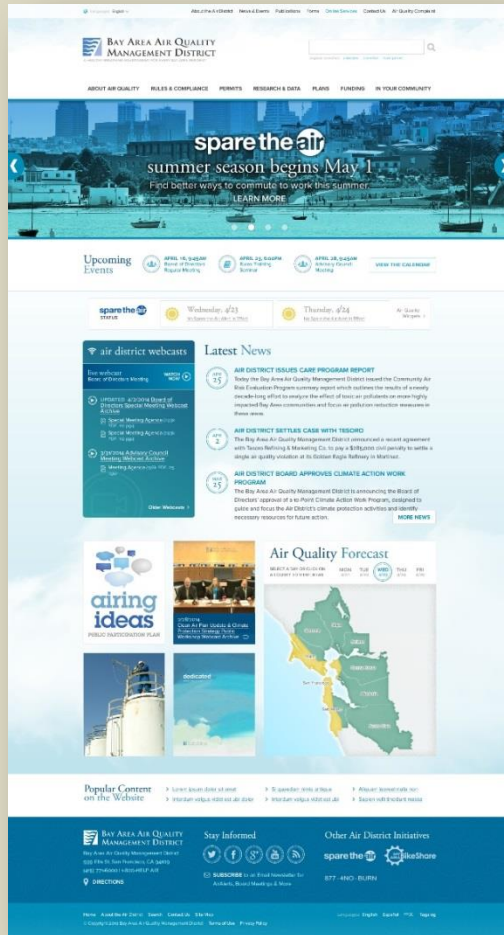
- Complete the rebuild and redesign of the BAAQMD.gov website
- Provide online permitting for Gas Stations, Auto Body Shops and Dry Cleaners for the Public
- Provide the public with tools to submit Air Quality complaints online
- Provide the public with enhanced interactive air quality data mapping tools

# My Air Online Roadmap





# NEW WEBSITE DESIGN SAMPLES



Enter Address

Boundaries

Air Quality

AQI Forecast

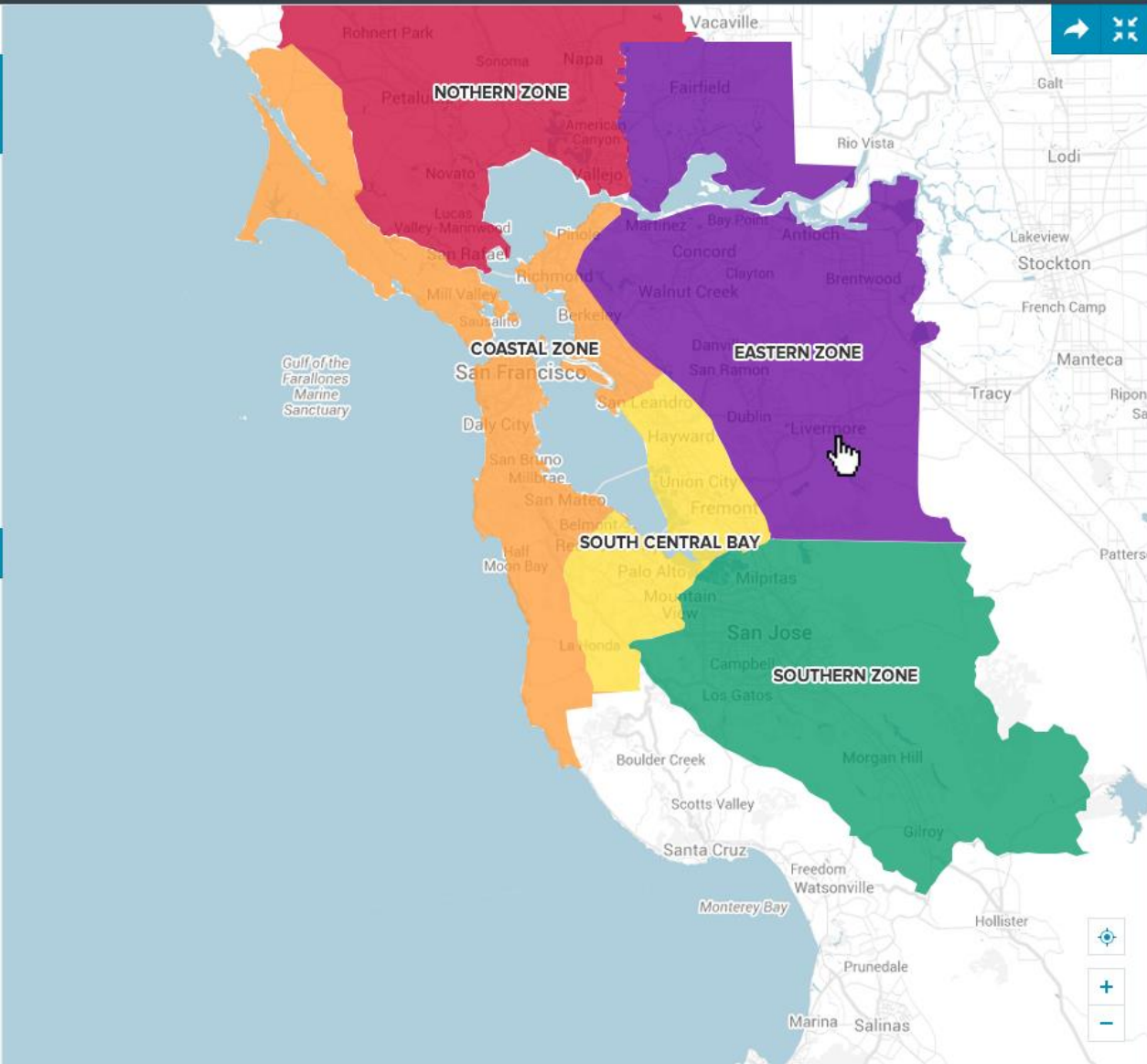
- Good (0-50)
- Moderate (51-100)
- Unhealthy for Some (101-250)
- Unhealthy (101-250)
- Very Unhealthy (251-300)

Show Legend Detail

Forecast

[11/25](#) [11/26](#) [11/27](#) [11/28](#) [11/29](#)

Info



### Eastern Zone

Eastern Air Quality Five Day Forecast

MON	76	PM 2.5
TUES	59	PM 2.5
WED	91	PM 2.5
THU	USG	PM 2.5
FRI	M	PM 2.5

**About the Five Day Forecast**  
 The Air District issues a daily air quality forecast that predicts air pollution levels for the coming five-day period. This forecast uses the U.S. EPA's Air Quality Index scale. For forecasting purposes, cities in the Bay Area have been divided into five reporting zones.

[View More Information](#)



# PUBLIC WEBSITE NEXT STEPS

- Content re-write to condense length and make language more accessible to the public
- Content Migration
- Testing
- Training
- Deployment (End of Q1 2015 target)
- Integration Enhancements (Q2 2015 target)



# PUBLIC DATA ACCESS NEXT STEPS

- Complete Development
- Testing
- Integration into new public website (Q2 2015 target)





# PERMITTING AND COMPLIANCE SYSTEM

The screenshot shows a web browser window with the URL `permits.baaqmd.gov/ACPO/Account/Login?ReturnUrl=%2fACPO`. The page header includes the BAAQMD logo and navigation links for ASSISTANCE, EMAIL BAAQMD, and BAAQMD WEBSITE. The main content area is titled "Welcome to Bay Area Air Quality Management District Customer Portal" and contains two primary sections:

- LOG IN (for existing customers)**: This section includes input fields for "Email Address" and "Password", both marked with an asterisk. A "Remember me" checkbox is located next to the email field. Below the password field are links for "Can't access your Email Address?" and "Forgot your Password?". A green "LOG IN ►" button is positioned at the bottom right of this section.
- SIGN UP to apply for (or renew) the following:**: This section features three icons representing different services: "PERMIT/REGISTRATION" (a blue circular icon with a document), "SUBMIT UPDATE & RENEW" (an orange circular icon with a document and a refresh symbol), and "TRANSFER OWNERSHIP" (a blue circular icon with three people). A green "SIGN UP NOW" button is located at the bottom right of this section.

At the bottom of the page, there are links for "PRIVACY POLICY" and "TERMS OF USE".



# PERMITTING AND COMPLIANCE SYSTEM


← → ↻ 🏠 [baaqmdpsstaging.cloudapp.net/PublicForms/ComplaintWizardSelection/](http://baaqmdpsstaging.cloudapp.net/PublicForms/ComplaintWizardSelection/)

📱 Apps 🖨️ Computer Software ... 🖥️ Creating a UI (JavaS... 📍 Suggested Sites 📄 Diceware passwords... 📄 Configure Basic Aut... » 📁 Other bookmarks



 **BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  **AIR POLLUTION COMPLAINT FORM**

 **COMPLAINT OVERVIEW**

You may report complaints in these nine Bay Area counties: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, south-western Solano and southern Sonoma. We investigate every single complaint. In order to be successful we need you to answer a few questions.


 If you have questions, please call the BAAQMD complaint line:  
**1-800-334-ODOR (6367)**

**What type of complaint is it?**

<input type="radio"/> Asbestos 	<input type="radio"/> Gas Station 
<input type="radio"/> Dust/Particulates 	<input type="radio"/> Odor 
<input type="radio"/> Excessive Idling 	<input type="radio"/> Smoking Vehicle (or report using 1-800-EXHAUST) 
<input type="radio"/> Fire/Smoke (NOT residential Wood Smoke) 	

**For these complaints you will be directed to another site:**

<input type="radio"/> Idling or Smoking Locomotive 
<input type="radio"/> Wood Smoke 

If you don't see your type of complaint listed it may be outside of BAAQMD's jurisdiction. 

<ul style="list-style-type: none"><li>• Aircraft Emissions</li><li>• Burning Incense</li><li>• Cigarette Smoke</li><li>• Contrails/Chem Trails</li><li>• Dumping into a Drain</li><li>• Insect Infestation</li><li>• Lead</li><li>• Leaf Blowers</li><li>• Manure Spreading for Agricultural Purposes</li><li>• Mold</li></ul>	<ul style="list-style-type: none"><li>• Mosquitoes</li><li>• Noise</li><li>• Odor or Dust associated with Crop Growing or Live Stock Raising</li><li>• Red Tide</li><li>• Residential Barbeque</li><li>• Restaurant Garbage Containers</li><li>• Stagnant Water</li></ul>
--	---

CANCEL CONTINUE TO NEXT STEP 



# PERMITTING AND COMPLIANCE SYSTEM NEXT STEPS

- January 2015
  - Complete additional quality review of existing auto body facility data
  - Send invitations to facilities to start using the system
- Q1 2015
  - Improve integration with financial system
  - Integrate with new public website
  - Provide additional features to support permitting operations
- 2015
  - Provide support for additional source categories (IC Engines)
  - Deploy support for additional compliance and enforcement programs



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# Questions & Discussion Production System & Website Project Update

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# Key Policy Initiatives

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# OVERVIEW OF KEY POLICY INITIATIVES

- Refinery Emissions Reduction Strategy
- Climate Action Work Program
- Other Rulemaking



# REFINERY EMISSION REDUCTION STRATEGY

- Refinery Emission Tracking (Reg. 12-15)
- Refinery Emission Mitigation (Reg. 12-16)
- Refinery Emission Reduction Rules

## Goals:

- ✓ 20% reduction in criteria pollutants
- ✓ 20% reduction in health risk
- ✓ Best practices and continuous improvement



# CLIMATE ACTION WORK PROGRAM

- Policy Approaches:
  - ❖ Set GHG reduction goal and interim targets
  - ❖ Develop Regional Climate Action Strategy
  - ❖ Initiate Rule Development
  - ❖ Launch Climate Change & Public Health Initiative
  - ❖ Explore Bay Area's Energy Future
- Assist Local Governments:
  - ❖ Support and Enhance Local Action
  - ❖ Report Progress to the Public
- Technical Program:
  - ❖ Update Inventorying & Forecasting
  - ❖ Implement GHG Emissions Monitoring
  - ❖ Expand Enforcement





# Other Rulemaking

- ❖ Incorporate health risk guidelines (OEHHA) into Reg. 2-5
- ❖ Amend woodburning rule (Reg. 6-3)



# Questions & Discussion

## Key Policy Initiatives

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# Upcoming Committee Assignments & Goals

**Chairperson Carole Groom**  
Board of Directors