



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

# Board of Directors Special Meeting / Retreat

Board of Directors Retreat • Wednesday, January 15, 2014



# RETREAT OVERVIEW

- Opening Comments by Board Chair, Nate Miley
- State of the Air District Overview
- Air Quality Summary
- Administrative & Financial Overview
- 375 Beale Street Update
- Production System and Website Update
- Key Policy Initiatives
- Standing Committee Assignments & Goals



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# Opening Comments by Board Chair

**Chairperson Nate Miley**

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

- Air Quality Remains a Challenge
- 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



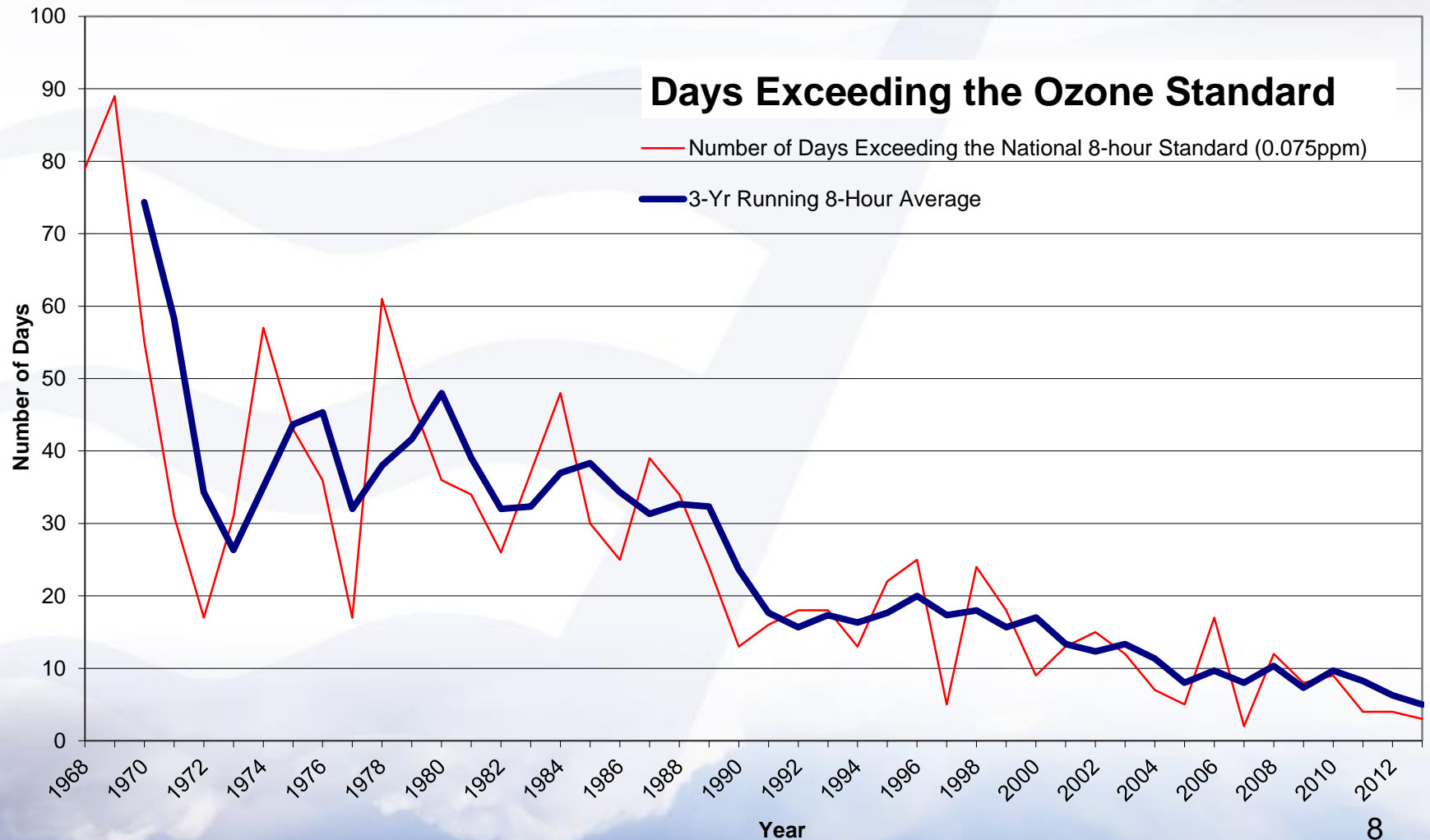
# AIR QUALITY ISSUES

- **Ozone (O<sub>3</sub>)**
  - Regional
  - Respiratory system impacts; Aggravates asthma & emphysema
- **Toxic Air Contaminants (TACs)**
  - Local
  - Cancer risk; Respiratory system impacts
- **Fine Particulate Matter (PM<sub>2.5</sub>)**
  - Local and regional
  - Higher instances of asthma; Elevated mortality rates
- **Green House Gases (GHG)**
  - Problem is global; solutions can have local/regional co-benefits
  - Changing climate leads to more high heat days, more wildfires





# OZONE EXCEEDANCE TRENDS 1968 TO PRESENT

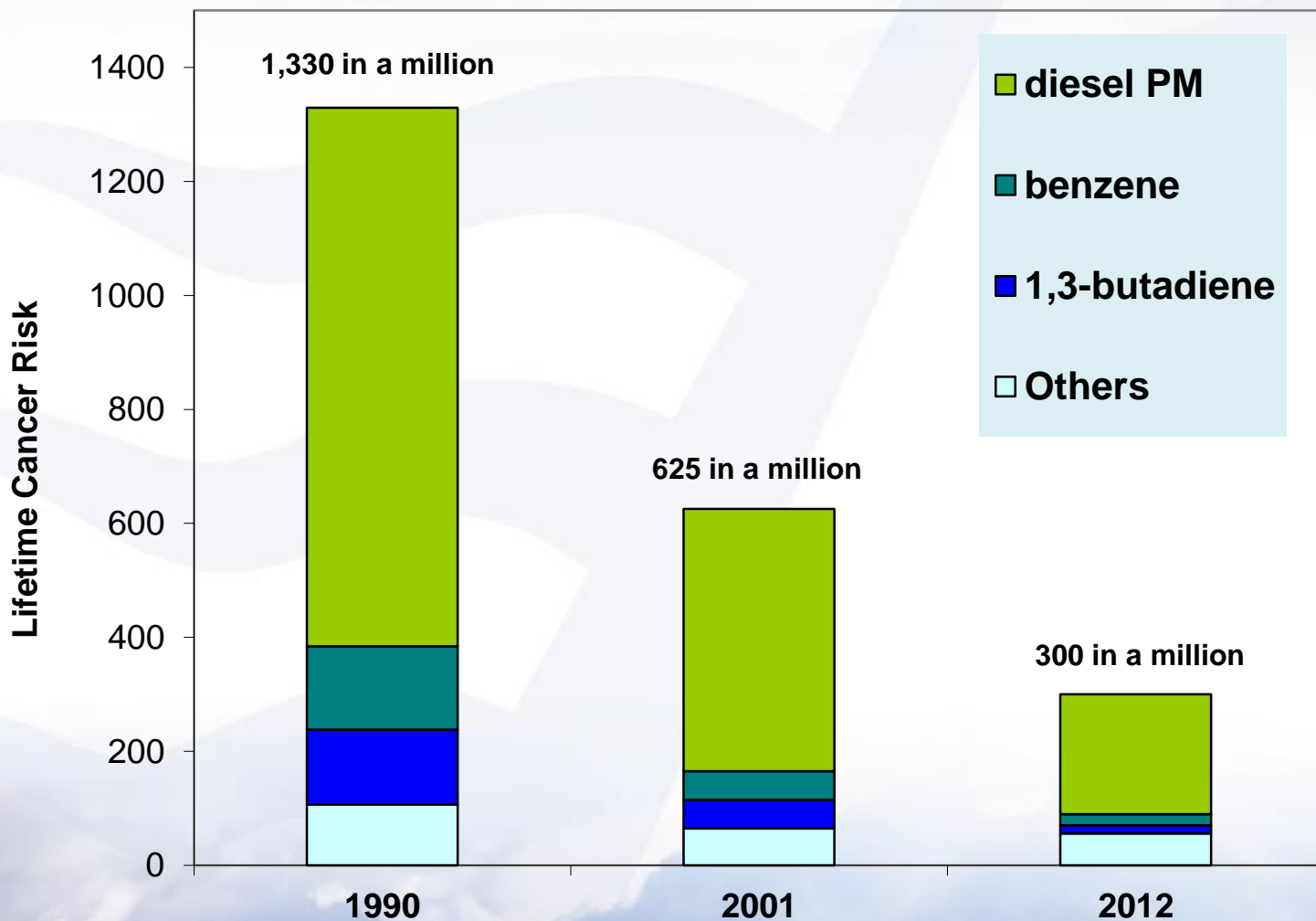






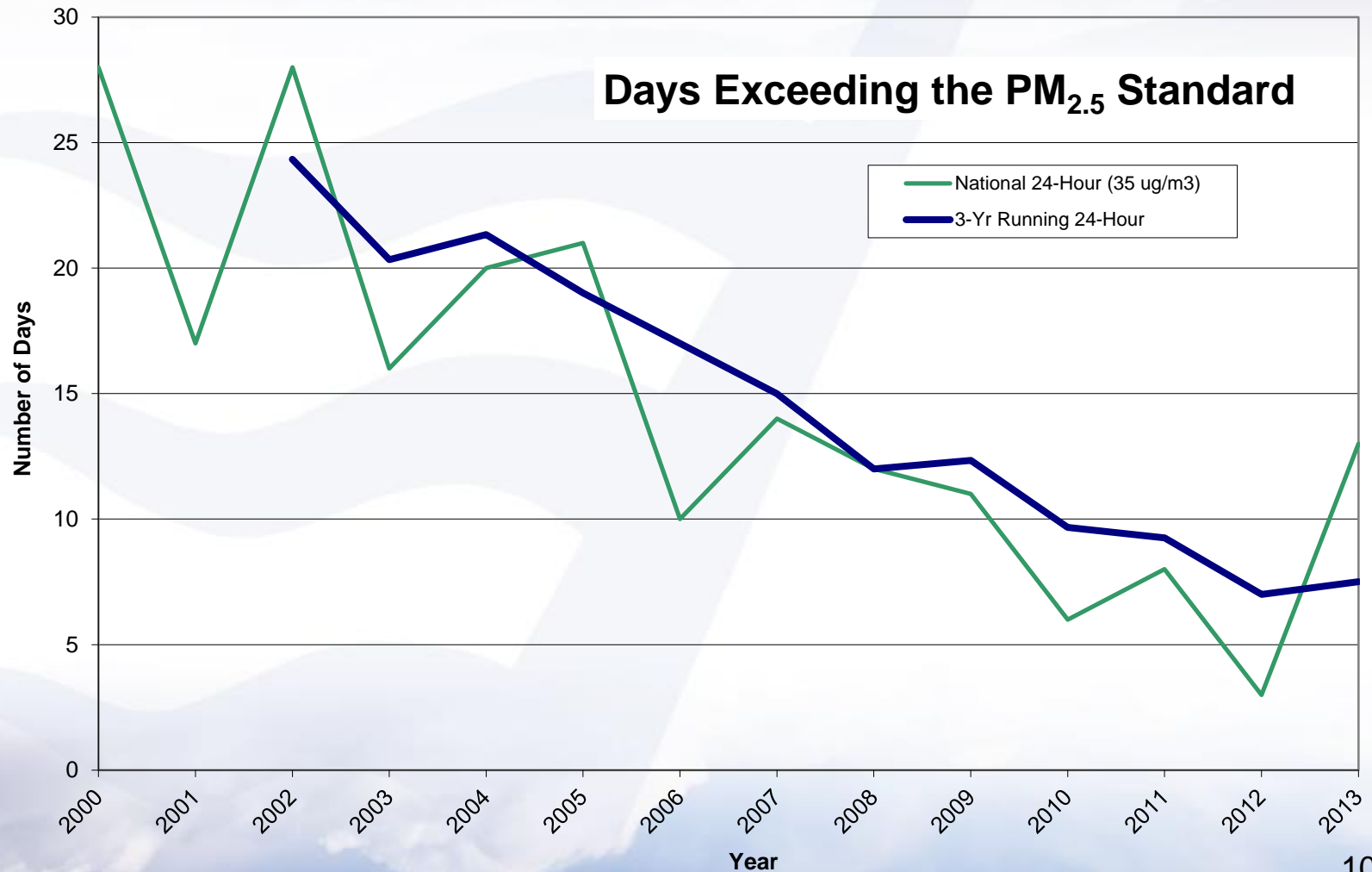
# AIR TOXICS TRENDS

## 1990 – 2001 – 2012





# PM<sub>2.5</sub> EXCEEDANCE TRENDS 2000 to Present





# 2013/14 Winter Spare the Air Season

## This season

- 27 Winter Spare the Air Alerts called since November 1
- 14 days region has exceeded the federal health standard

## Why?

- “Ridiculously Resilient Ridge,”  
Daniel Swain, Ph.D. candidate Stanford University,  
Dept. of Environmental Earth System Science
- Persistent, stagnant weather pattern

## PM transport

- Light offshore flow from Central Valley

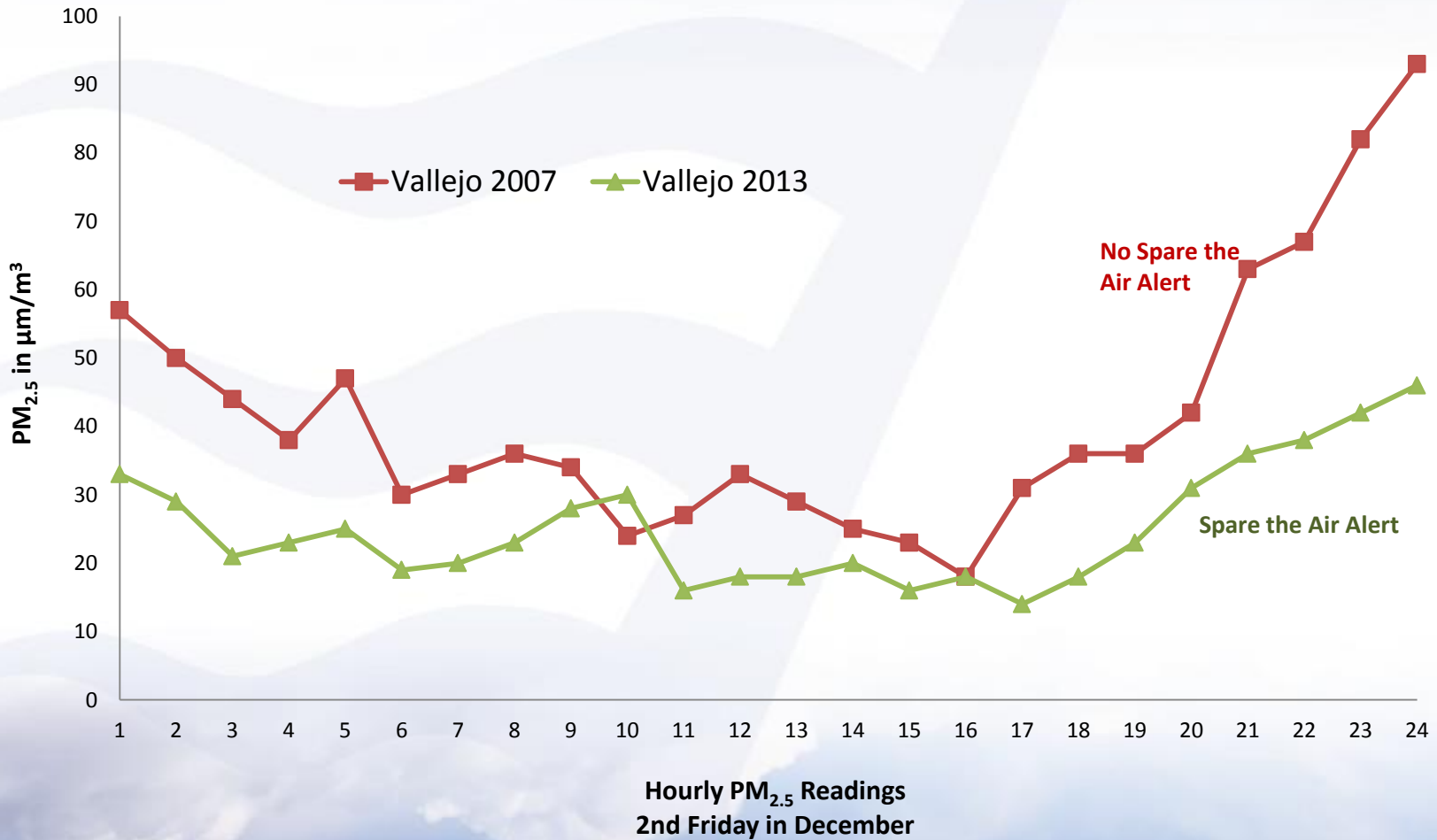
## Expect this year

- Drought conditions increasing wildfire potential





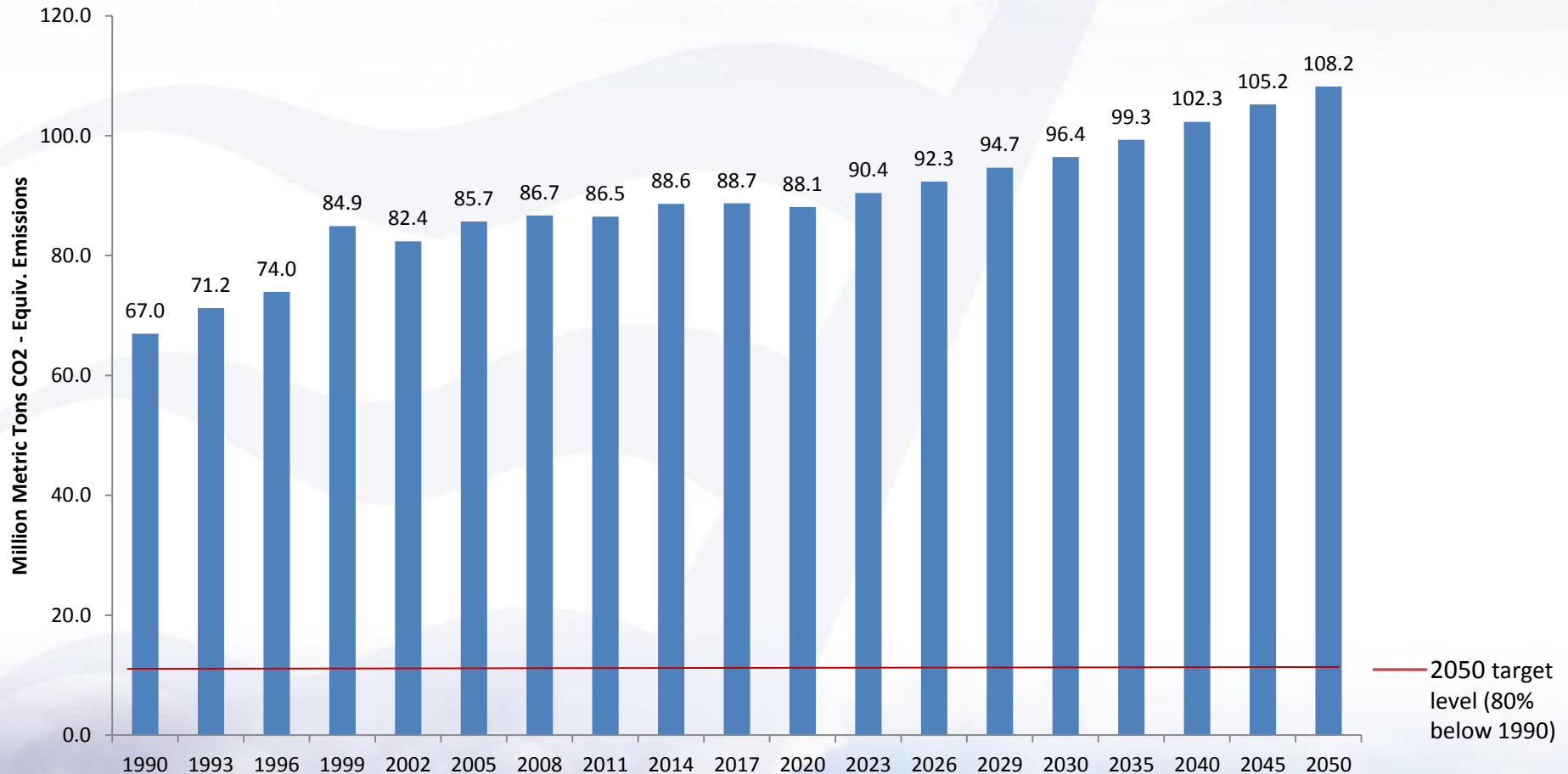
# SPARE THE AIR A COMPARISON OF PM<sub>2.5</sub> LEVELS 2007 AND 2013





# BAY AREA GHG EMISSIONS TRENDS

## 1990 – 2050





# AIR DISTRICT CLIMATE PROTECTION RESOLUTION

## Key Elements of the Resolution

- Set a regional GHG reduction goal
- Develop a Regional Climate Action Strategy as part of the Clean Air Plan update
- Develop a work program to inform near-term Air District climate protection activities



# CLEAN AIR PLAN UPDATE

**Multi-pollutant control strategy is the backbone of program to reduce PM, Ozone, TACs & GHGs**

## **Integrated Strategy**

- Maximize co-benefits of public health and climate protection

## **Technical analyses**

- Air monitoring network and special studies
- Near-roadway monitoring network
- Emissions inventory and analyses of sources and trends
- Modeling, exposure assessment, health impacts

## **Stationary Sources**

- Regulations & permit conditions
- Wood-burning rule & Winter Spare The Air program
- New control measures in 2014/15 Clean Air Plan

## **Mobile Sources**

- ARB regulations reduce emissions from heavy- & light-duty vehicles & equipment
- Grants & Incentive programs to complement regulations
- Transportation & Mobile Control Measures in Clean Air Plan





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# Questions & Discussion Air Quality Summary

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Executive Officer/Air Pollution Control Officer

**Jean Roggenkamp**

Deputy Air Pollution Control Officer



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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

### Responses to Fiscal Challenges

Pro-active, balanced, multi-faceted, multi-year

- Personnel Costs
- Expenditures
- Fees
- Reserves



# FINANCIAL SUMMARY

## TOPIC FOR FYE 2015 BUDGET

- Healthy reserves, but....
- Unfunded Liabilities
- Cost Recovery Rate Exaggerated by Vacancy Rate
- No use of Reserves in FYE 2013, 2014
- No use of Reserves anticipated in FYE 2015



# 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 63,000 square feet at \$385/sq ft.
- Air District Financing completed November 2013
- Purchase Occurs upon Move-In
- MTC, the Air District and potentially ABAG will co-habit under terms of a Condominium Agreement



# YEARLY COSTS

- Annual cost projections still within original range:
  - Current Projection: \$2.4 M - \$2.6 M
- Slightly larger size (75,000 sq. ft.) offset by lower interest rates





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# 375 Beale Street Regional Agency Headquarters Status Report

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**Jack P. Broadbent**

Executive Officer/Air Pollution Control Officer

**Jack M. Colbourn**

Director, Administrative Services & Outreach Division



# 375 Beale Street Regional Agency Headquarters Status Report

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# Current Activities

- Interagency Shared Services Assessment
- Furniture Procurement Process
- Construction Schedule



# Inter Agency Shared Services Delivery Assessment

- Work to develop options for sharing various business operations and shared technology services are underway
- Agencies have engaged Accenture
- Administrative management staff from each of the agencies also developed recommendations for sharing resources to deliver other services including receptionist, meeting room management, mail, copy center and other general services.



# FURNITURE PROCUREMENT RFP PROCESS

- RFP process to select a Manufacturer/Dealer Team
  - Must have previous experience on substantially similar projects 550 workstations/offices and 50+ conference rooms
  - Furniture committee comprised of representatives from each agency established
  - Project Budget: \$5.0 million



# 375 BEALE STREET CONSTRUCTION SCHEDULE

375 Beale Street Construction Schedule

6/19/2013

Revised 9/18/2013

REVISED SCHEDULE	2013											2014											2015			
	Ap	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	
1 Soft Demolition / Early Seismic	█	█	█																							
2 Seismic Retrofit GMP for BAHA Approval			X																							
3 Retrofit L1-L6				█	█	█	█	█	█	█	█	█	█	█												
4 Tenant Relocates 7/2014																X										
5 Retrofit L7-L8																█	█	█								
6 Mech/Elect/Plumb Design-Assist GMP for BAHA Approval							X																			
7 Core and Shell and Interiors GMP for BAHA Approval											X															
8 MEP, Core and Shell and Interiors											█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
9 Move-in																							█	█		
10 Close out																								█	█	

### Upcoming Milestones

1 MEP GMP to BAHA for approval	Completion 9/25/2013
2 Core and Shell and Interiors ready for regulatory review	8/21/2013
3 Receive Core and Shell and Interiors bids	mid-November 2013
4 Core and Shell and Interiors to BAHA approval	1/22/2014





# NEXT STEPS

- Development of governance, oversight, and policies related to shared services
- Development of 375 Beale Street Condo Association
- Execution of condominium agreement
- Expected move in 2015



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# Questions & Discussion 375 Beale Street Regional Agency Headquarters Status Report

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Director , Administrative Services & Outreach Division



# Production System & Website Project Update

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**Damian Breen**

Deputy Air Pollution Control Officer



# MY AIR ONLINE PROGRAM STATUS

- **Gas Station Permitting & Inspection** (Released Mar 2012)
  - 228 Permit Applications Approved
  - 3818 Permits Renewed
  - 1378 Inspection Tasks
- **Dry Cleaner Permitting & Inspection** (Release Nov 2012)
  - 21 Permit & Registration Applications Approved
  - 423 Permits & Registrations Renewed
  - 133 Inspection Tasks
- **Auto Body Coating Operations** (2014)
  - 1109 permitted facilities (will be cutover in coordination with Engineering/Enforcement)
- **Online Payment for Asbestos Renovation & Demolition** (Released May 2013)
- **Online Payment for Open Burn** (Released September 2013)
- **Querying and Reporting for all permitted and registered facilities**
- **Completed discovery and assessment phase of the website redesign project**



# MY AIR ONLINE 2014 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 a mobile app for inspectors to update their status on their phone
- Provide the public with enhanced interactive air quality data mapping tools



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# Key Policy Initiatives

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# OVERVIEW OF KEY POLICY INITIATIVES

- SB 1339 Commuter Benefits Program
- Climate Action Work Program
- Petroleum Refinery Emissions Tracking Rule



# BAY AREA COMMUTER BENEFITS PROGRAM

- New Program in response to Senate Bill 1339
- Collaboration between Air District & MTC
- Reduce emissions by expanding # of employers who promote alternative commute modes
- Employers choose from among 4 simple options
- Would apply to employers w 50+ full-time employees in Bay Area
- Provides tax savings to employers & employees
- Proposed Regulation 14-1 to Board for hearing in March



# CLIMATE ACTION WORK PROGRAM – DRAFT

1. Set GHG Goal
2. Update GHG Inventory
3. GHG Monitoring
4. Regional Strategy
5. Support Local Action
6. Rule Development
7. Enforcement
8. Climate & Health
9. Progress Indicators
10. Energy Future

## Schedule:

Dec 2013	Climate Protection Committee
Jan/Feb 2014	Add'l Stakeholder Outreach
Mar 2014	Climate Protection Committee
Apr 2014	Board of Directors



# Petroleum Refinery Emissions Tracking Rule

- New rule would address potential increases in emissions from changing crude oil slates (e.g., use of tar sands) or other factors
- Approach:
  - Track air emissions and community air quality over time
  - If annual emissions from a refinery increase by more than a small amount:
    1. Require that the cause be analyzed and disclosed
    2. Require that an emission reduction audit be completed and feasible measures be taken to reduce emissions expeditiously
- Rule Development Schedule:
  - Workshops held in April 2013
  - Discussions with stakeholders continue with Technical Work Group
  - Consideration of adoption expected in summer 2014



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# Upcoming Committee Assignments & Goals

**Chairperson Nate Miley**  
Board of Directors