

VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT
ADVISORY COMMITTEE MEETING
September 19, 2017
MINUTES

Chair Sara Head convened the meeting at approximately 7:31 p.m.

I. Director's Report

Mike Villegas, Air Pollution Control Officer, reported that the District has been working hard on the voluntary Vessel Speed Reduction (VSR) Program. Congressman Lowenthal introduced a bill that would have NOAA create a VSR off Santa Barbara and Ventura Counties. It is cosponsored by Representatives Carbajal, Brownley and Khanna. We are pushing hard to gain some Republican support. Our Board supports the bill, along with Santa Barbara District. The Ventura County Board of Supervisors approved a letter of support today. The California Air Pollution Control Officers Association (CAPCOA) will be issuing their letter and the Port of Hueneme Oxnard Harbor District will be going to their board on Monday.

We have been able to cut about 25 tons per year of NOx with the existing incentive program. The shipping lines are saying more would participate if there is a more formal recognition program, similar to Dolphin Safe Tuna. The bill is named the Blue Whales and Blue Skies Act because the reduced speeds should also reduce the incidence of lethal ship strikes on whales. Smog season coincides with blue whale season in the Channel.

This is the third year of the local voluntary VSR. This year, the Bay Area joined as well, but the current legislation only covers the Santa Barbara Channel region.

II. Call to Order

Chair Sara Head called the meeting to order at approximately 7:35 p.m.

III. Roll Call

Present

Joan Burns	Thomas Lucas
Randy Chapman	Hugh McTernan
Ron Fazzolare	Paul Meehan
Sara Head	Richard Nick
Kim Lim	Steven Wolfson

Absent

Michael Hughes (excused)	
Martin Hernandez (excused)	Keith Moore (excused)
Randy Johnson	Alice Sterling (excused)

Staff

Mike Villegas

Chuck Thomas

Alan Ballard

Tyler Harris

Public

None

Representing

IV. Minutes

Since this is a study session meeting with no action items, the minutes were not brought to the committee.

V. Committee Comment

There were no Committee comments.

VI. Public Comment

There were no public comments.

VII. Old Business

The Old Business was the status of VW Settlement Funds, which was discussed by Mr. Villegas in his Director's Report.

VIII. New Business

A. Introduction of New Advisory Committee Members

Mr. Villegas introduced the new Advisory Committee members:

Randy Chapman – City of Camarillo

Steve Colome – City of Ojai

Ron Fazzolare – Supervisor Foy (District 4)

Michael Hughes – Supervisor Parks (District 2)

B. Study Session on the 2016 Ventura County Air Quality Management Plan

Mr. Villegas gave an overview of the 2016 Ventura County Air Quality Management Plan (AQMP) using the same PowerPoint presentation as he used for the Air Pollution Control Board item on February 14, 2017 when they approved the AQMP. The slides are attached and serve as the summary of this study session.

C. Study Session on Reauthorization of the California Greenhouse Gas Cap and Trade (C&T) Program – AB 398 and AB 617

Mr. Villegas gave an overview of this subject based on the following outline:

- Stationary Sources
 - Mandatory GHG reporting §38530
 - Permitted emission of ≥ 250 tpy of a nonattainment pollutant
 - Elevated prioritization score §44360
- Sources must report criteria and toxic emissions to CARB, possible 3rd party verification
- By 1/1/2019 nonattainment districts shall adopt a schedule for BARCT for industrial sources subject to C&T §38562
- Prior to adopting the BARCT schedule the district shall hold a public meeting to discuss air quality and public health benefits to the community and cost effectiveness
- The legislation seems to provide for the use of emission reduction credits (ERCs) in lieu of the BARCT requirements
- The implementation of alternative emission reduction projects is also allowed if the source shows that the actual cost of complying with BARCT exceeds the district's cost-effectiveness estimate
- The bill increases maximum penalty amounts and as of 1/1/2018 these maximum penalties are to be increased by the CPI
- "Disadvantaged Community" – §39711
- By 10/1/2018, CARB shall work with the state scientific review panel on air toxics and the districts, OEHHA, EJ groups and the regulated community to develop a community monitoring plan for criteria and toxic pollutants; based on this plan CARB shall select locations to deploy community monitoring systems
- By 7/1/2019 districts shall deploy community monitoring systems in these locations and districts will have the authority to require sources to deploy fence-line monitoring systems (the bill mentions real-time monitoring)
- By 1/1/2020 and every year thereafter CARB shall select additional locations for community monitoring, as appropriate, and districts will have one year to deploy additional community monitoring systems
- This monitoring data shall be provided to CARB and be published on the CARB website
- By 10/1/2018 CARB shall prepare (with the districts, scientific review panel on air toxics, OEHHA, EJ groups and the regulated community) a statewide strategy to reduce criteria and toxic pollutants to communities affected by high cumulative exposure – this will be updated every five years
- This strategy will include:
 - Identification of communities with high cumulative exposure
 - A methodology for assessing and identifying contributing sources for these communities
 - An assessment of whether a district should update a §44391 (hot spots risk reduction plan) risk reduction plan for any source

- And, an assessment of available emission reduction measures
- Within one year of CARB's strategy, a district with a location identified in CARB's strategy shall adopt a community emission reduction plan, which could include both stationary and mobile source control measures. Districts shall use a public process working with the public, community groups and local governments. Districts shall also prepare annual reports on these community plans

XI. Adjournment

Having no further business, the chair adjourned the meeting at approximately 8:45 p.m.

Prepared by:

Tyler Harris
Air Pollution Control District Staff

2016 Ventura County Air Quality Management Plan


Ventura County APCD
Air Pollution Control Board
February 14, 2017





Purpose

Federal Clean Air Act

- 2008 8-Hour Ozone Standard (75 ppb)



2008 8-Hour Ozone Nonattainment Areas

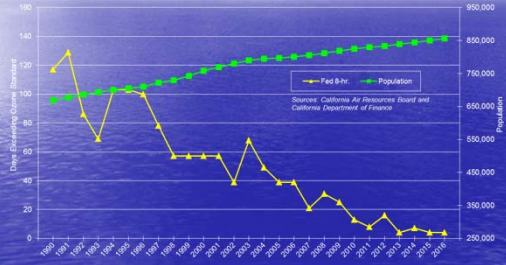



Classification & Attainment Dates


Classification	Attainment Date
Marginal	July 20, 2015
Moderate	July 20, 2018
Serious	July 20, 2021
Severe	July 20, 2027
Extreme	July 20, 2032



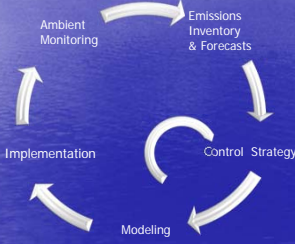

Countywide Days Over Federal Ozone Standard vs. Population Growth



Source: California Air Resources Board and California Department of Finance



AQMP Development Process

Primary Plan Requirements

- Emission Inventory & Projections
- Control Strategy
 - Local Component
 - State Component
- Reasonable Further Progress
- Ozone Attainment Demonstration
- Contingency Measures



Timing

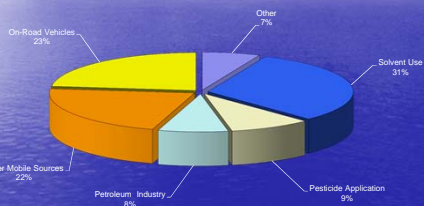
Serious Areas

- All measures must be implemented by the start of the 2020 ozone season
- Attainment by the end of the 2020 ozone season

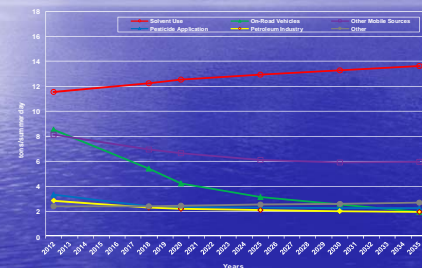


2012 ROG Emissions

36.8 tons/summer day

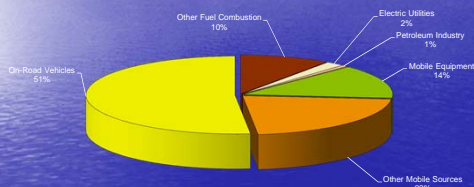


ROG Emission Trends

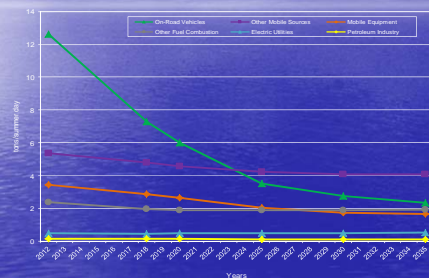


2012 NOx Emissions

24.4 tons/summer day



2012 NOx Emissions



Control Strategy

Local Component

- Existing Control Program
 - Rules & Control Measures
 - New Source Review
 - Conformity (Transportation & General)
 - Incentive Programs
 - Further Study Measures

ARB Component

- State Strategy
 - Most of the needed emission reductions



Local Component

Control Measures

New Control Measures - 4

Further Study Measures - 16

- Dual Purpose – CAA & CCAA
- Possible enhancements to fourteen existing rules
- Two new

Not Retained - 7



ARB State Strategy

On-Road Sources

- Passenger Vehicles
- Trucks
- Other On-Road Sources

Goods Movement Sources

Off-Road Sources

- Off-Road Equipment
- Agricultural Equipment
- Other Off-Road Sources

Areawide Sources

- Consumer Products
- Pesticides



Reasonable Further Progress

Ensures steady progress

Demonstration required for milestone years beyond the 2012 baseline year

- 2018: 18%
- 2020: 24%



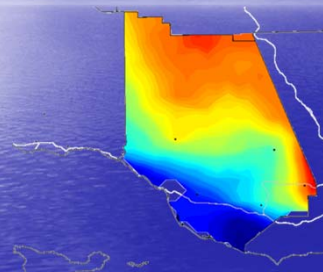
Attainment Demonstration

Photochemical Modeling

- Required of Serious and above areas
- 2020 Projected Design Values
 - Simi Valley: 0.072 ppm
 - Ojai: 0.070 ppm
 - Thousand Oaks: 0.067 ppm
 - Piru: 0.066 ppm



Projected 2020 Ozone Levels



Weight of Evidence

Attainment will occur by 2020

- Ozone Trends (2000 – 2015)
 - Exceedance days 95% ↓
 - Design values 27% ↓
- Emission Trends (2000 – 2015)
 - ROG 45% ↓
 - NOX 42% ↓
- 4 of 5 Monitoring Stations In Attainment



Contingency Measures

Required for:

- Failure to meet RFP
- Failure to attain

Contingency Measures

- ARB's State Control Strategy



Public Review

- Two public review periods – 43 days
- Emailed public notices (90/91)
- Two public notices in Ventura County Star
- District website
 - 430 Downloads
- No public comments



Next Steps

- Submittal to ARB
- Submittal to EPA



2015 8-Hour Ozone Standard

- 70 ppb (8-hour)
- Adopted – October 1, 2015
- Designations – October 1, 2017
- New AQMP – October 1, 2020
- Attainment – 2021 - 2038



2015 8-Hour Ozone Nonattainment Areas

