

Draft Outline for Preface to Clean Air

1. Introduction
 - a. Introduction to White Papers and AQMP
 - b. Need for White Papers
 - c. Importance of the 2016 AQMP
2. Background
 - a. Air quality planning process
 - b. Regulatory responsibility: USEPA, CARB, SCAQMD
3. Setting the Scene
 - a. Progress in Improving Air Quality
 - i. Progress in spite of growth
 - ii. Emission reductions
 - iii. Reduction in pollutant concentrations
 - iv. Reduction in number of days exceeding the standard
 - v. Percent of population that lives in attainment areas
 - b. Progress in Air Pollution Controls
 - i. Health effects of poor air quality
 - c. History of air quality standards
 - i. More stringent standards adopted as scientific understanding advances
 - ii. Changes in the design city
4. 2016 AQMP Standards
 - a. Attainment Requirements
 - i. 2008 8-hour ozone standard: 75 ppb
 1. SIP submittal July 2016; Demonstrate attainment by 2032
 - ii. 2012 annual PM_{2.5} standard : 12 µg/m³
 1. SIP submittal 2016; Demonstrate attainment by 2020 to 2025
 2. Will the AQMP address in any way the potential new standard, 60 ppb – 70 ppb 8-hour ozone?
 - b. Additional Analysis Needed
 - i. Update to previous 1997 8-hour ozone (80 ppb) SIP (*reductions by 2023*)
 - ii. Update to 1-hour ozone SIP (*reductions by 2022*)
5. Key Challenges
 - a. Most significant sources already well-controlled
 - b. Substantial reductions still needed to achieve ozone and PM_{2.5} air quality standards
 - c. Growth – particularly in goods movement sector
 - d. Technology development/deployment
 - e. Maintaining a healthy economy
 - f. Constraints/challenges given our:
 - i. Geography
 - ii. Climate
 - iii. Population

6. What Will it Take to Achieve Clean Air Goals
 - a. Coordination with other agencies – all levels of government
 - b. Integrated planning process with other California agencies
 - i. California Air Resources Board
 - ii. California Transportation
 - iii. California Energy Commission
 - c. Collaboration with stakeholders – business, environmental/community, health, academic, agencies, etc.
 - d. Funding – public and private
7. 2016 AQMP White Papers – capsule descriptions
 - a. Preface to Clean Air
 - b. 21st Century Goods Movement System and Air Quality
 - c. Passenger Transportation
 - d. Energy Outlook
 - e. Residential and Commercial Energy Use
 - f. Industrial Facility Modernization
 - g. VOC Controls
 - h. PM Controls
 - i. A Business Case for Clean Air
8. AQMP Public Outreach
 - a. Present the introductory white paper in “plain English”
 - i. Establish a common ground for communication
 - ii. Breakdown the language barrier
 - iii. Provide appendices
 - iv. Terminology for the AQMP
 1. Concepts unique to the AQMP such as carrying capacity, black box, control strategy, etc.
 - v. Acronyms
 1. Definition of commonly used acronyms in AQMP and White Papers such as SIP, CARB, USEPA, etc.
 - vi. Definitions
 1. Definition of commonly used terms used in the AQMP and White Papers such as South Coast Air Basin, criteria pollutant, etc.
 - b. How to Get Involved
 - i. Discusses the public process of developing the AQMP
 - ii. Participation paths
 1. Advisory Group meetings
 2. White Papers Working Group meetings
 3. Public Workshops
 4. Meetings with staff
 5. Social media – Facebook, Twitter, etc.
 6. Other ?
 - iii. Reaching out to new stakeholders
 1. Younger generations
 2. High school and college students