This guidance document is prepared by the South Coast Air Quality Management District (AQMD) as a reference for cities and counties within AQMD’s jurisdiction. It provides suggested policies that local governments can use to prevent or reduce potential air pollution impacts and protect public health in their General Plans or through local planning. The objective of the guidance document is to facilitate stronger collaboration between local governments and the AQMD to reduce community exposure to source-specific and cumulative air pollution impacts. It is recognized that local governments, to make the best decisions for the benefit of their residents, must weigh and balance multiple issues, demands and concerns, including, but not limited to, the need for housing, existing development and development patterns, environmental responsibilities and more when making land use decisions.

May 6, 2005
Acknowledgements

The AQMD would like to acknowledge and thank the Western Riverside Council of Governments and the Orange County Council of Governments for their assistance in the preparation of the initial draft of the model air quality element and this subsequent guidance document. The AQMD staff appreciates the ideas and suggestions received from the many stakeholders that participated in the development of this document.
# TABLE OF CONTENTS

**Preface** ..................................................................................................................................................... i

**CHAPTER 1**

**INTRODUCTION** ........................................................................................................................................ 1-1
- Regulated Air Pollutants ............................................................................................................................... 1-2
- Effects of Air Pollution on Health and Welfare ......................................................................................... 1-10
- The Role of Federal, State, and Local Agencies to Reduce Air Pollution .............................................. 1-10
- The Regional Comprehensive Plan ........................................................................................................... 1-14
- The Regional Air Quality Management Plan ............................................................................................ 1-15
- Environmental Justice ................................................................................................................................... 1-15
- Format of the Document .............................................................................................................................. 1-16

**CHAPTER 2**

**Air Quality Issues Regarding Land Use** ................................................................................................. 2-1
- Local Government Siting Criteria for Sensitive Receptors ......................................................................... 2-1
- Job Housing Balance ................................................................................................................................... 2-13
- Suggested Goal, Objectives and Policies/Strategies Related to Land Use .............................................. 2-13

**CHAPTER 3**

**Transportation** ......................................................................................................................................... 3-1
- Categories of Mobile Source Emissions ........................................................................................................ 3-1
- Transportation and Indirect Source Control Programs ........................................................................... 3-1
- Congestion and Transportation System Management .................................................................................. 3-2
- Suggested Goal, Objectives and Policies/Strategies ................................................................................... 3-5

**CHAPTER 4**

**Stationary Sources of Air Pollution** ......................................................................................................... 4-1
- Categories of Stationary Emission Sources ................................................................................................. 4-1
- Suggested Goal, Objectives and Policies/Strategies ................................................................................... 4-2

**CHAPTER 5**

**Reduction of Fugitive Dust** ..................................................................................................................... 5-1
- Suggested Goal, Objectives and Policies/Strategies ................................................................................... 5-2

**CHAPTER 6**

**Energy** ....................................................................................................................................................... 6-1
- Energy Conservation ...................................................................................................................................... 6-1
- Green Building Opportunities ......................................................................................................................... 6-1
- Public Facilities and Fleets ............................................................................................................................. 6-2
- Suggested Goal, Objectives and Policies/Strategies ................................................................................... 6-2