

SECTION 600 - FOREWORD

600.1 Ambient air quality objectives are not to be confused with air quality standards, but are goals to be strived for. They are intended to describe a level of air quality which will:

600.11 Not degrade human health and safety.

600.12 Avoid injury to plant and animal life and property.

600.13 Be consistent with the economic and social well being of the area.

600.2 Objectives are designed to serve as a guide:

600.21 For the development of ambient and emission standards.

600.22 In the preparation of long and short range objectives for ambient and emission standards, and

600.23 For the election of air pollution control measures for existing and planned facilities which could create air pollution.

600.3 The adopted objectives are not intended to represent the ultimate in air quality achievement. As evidence accumulates on the effects of contaminants and as new and/or revised sampling and analytical procedures become available, present objectives and procedures may be revised and/or additional objectives and procedures may be established.

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SECTION 601 - APPLICATION OF OBJECTIVES

601.1 The NWCAA may employ any reasonable method or combination of methods such as area sampling, source sampling, emission evaluation and assessment of source contribution and effect.

601.2 Consistent with Section 600.1 of this Regulation, it is the intent of the NWCAA to establish emission standards such that emissions in one area will not contravene the objectives in another area.

SECTION 602 - AMBIENT AIR QUALITY AREAS

602.1 Air pollution potentials vary within the jurisdiction of the NWCAA with varying degrees of social and economic development. These factors in combination with topographic and meteorological elements tend to accentuate or reduce emission effects.

602.2 The ambient air quality goals are defined for three areas within the jurisdiction of the NWCAA.

602.21 Area #1 - predominantly used for timber and agricultural crops, farming and recreation. Habitation and industry sparse.

602.22 Area #2 - dwelling units, small farms, commercial and office buildings and stores.

602.23 Area #3 - primarily light and heavy industry.

602.4 County and city planning agencies shall make available to the NWCAA the delineation of the zoning status within their area of jurisdiction.

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SECTION 603 - AMBIENT AIR QUALITY OBJECTIVES

603.1	Particulates	#1	AREA #2	#3
603.11	Suspended Particulates (PM ₁₀) µg/m ³ Sampling period - 24 hrs			
	50% of annual values less than	40.	50.	65.
	84% of annual values less than	60.	75.	100.
603.12	Settleable Particulates g/m ² /mo Sampling Period - 30 days			
	50% of annual values less than	030.	045.	060.
	84% of annual values less than	035.	055.	120.
603.2	Sulfur Dioxide (ppm by volume) Sampling period - 24 hours			
	50% of annual values less than	0.1	0.1	0.15
	Sampling period - one hour			
	95% of annual values less than	0.25	0.30	0.40
603.3	Sulfur Acid Mist (mg/m ³) Sampling period - 24 hours			
	50% of annual values less than	0.1	0.1	0.15
603.4	Hydrogen Sulfide (ppm by volume) Sampling period - two hours			
	50% of annual values less than	0.04	0.06	0.10
603.5	Total Oxidants (ppm by volume) Sampling period - one hour			
	50% of annual values less than	0.1	0.15	0.15
603.6	Fluorides (ppm by volume as HF) Sampling period - 24 hours			
	50% of annual values less than	0.001	0.001	0.002
603.7	Carbon Monoxide (24 hour average)			

5 ppm

- 603.8 Smoke. The ambient air shall not contain visible smoke which is inconsistent with the economic or social well-being of the community or which will prevent enjoyment and use of property. The ambient air shall not contain materials in an amount such that the Coefficient of Haze will exceed 0.5 COH's per one thousand (1000) linear feet of air. The degree of haze present in the ambient air shall be referred to as the Soling Index.
- 603.9 Odorous Substances. The ambient air shall not contain odorous substances in such concentrations or of such duration as will threaten health or safety or prevent the enjoyment and use of property.
- 603.10 Radioactive Substances. The ambient air shall not contain any radioactive substances in concentrations which are deleterious, either directly or indirectly, to human health or which affect the economic or social well-being of the community.
- 603.11 Other Toxic or Deleterious Substances. The ambient air shall not contain toxic or deleterious substances, in addition to those specifically listed in these objectives, in concentrations and durations which have been demonstrated to adversely affect human health or well-being, or unreasonably and adversely affect plant or animal life.

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