

**DEPARTMENT OF ENVIRONMENTAL QUALITY**

**AIR QUALITY DIVISION**

**PART 2. AIR USE APPROVAL**

**R 336.1241 Air quality modeling demonstration requirements.**

Rule 241. All air quality modeling demonstrations required by the commission or used to support or amend the state implementation plan shall be consistent with all of the following requirements:

(a) A 5-year meteorological data base shall be considered when available. A shorter meteorological record may be used in the modeling and subsequent analysis if it can be demonstrated that the shorter record includes the period or periods that cause the highest ambient air quality concentrations.

(b) The use of meteorological data other than that obtained from national weather service stations shall be approved by the commission.

(c) The most representative meteorological data that is reasonably available shall be used in air quality modeling demonstrations.

(d) The receptor grid network shall be sufficiently dense and strategically located to ensure to the satisfaction of the commission that maximum ambient air quality concentrations are predicted.

(e) All ambient air quality monitoring stations specified by the air quality division of the department of natural resources shall be included in the model's receptor grid network.

(f) The modeling demonstration shall not give credit for any stack height that exceeds good engineering practice design, unless such stack height existed prior to December 31, 1970.

History: 1979 ACS 1, Eff. Jan. 19, 1980.