

AGENCY OF NATURAL RESOURCES

Waterbury, Vermont

ENVIRONMENTAL PROTECTION REGULATIONS

CHAPTER 5

AIR POLLUTION CONTROL

Subchapter IV. Operations and Procedures

Section 5-406 Required Air Modeling

- (1) The Air Pollution Control Officer may require the owner or operator of any proposed air contaminant source subject to review pursuant to Sections 5-501 or 5-503 herein to conduct diffusion or other air quality modeling and to submit an air quality impact evaluation to demonstrate that operation of the proposed source as described to the Air Pollution Control Officer will not directly or indirectly result in a violation of any ambient air quality standard, interfere with the attainment of any ambient air quality standard, or violate any applicable prevention of significant deterioration increment (Table 2).
- (2) For proposed stationary sources, the appropriate air quality modeling techniques shall be determined on a case-by-case basis in accordance with procedures established by the Air Pollution Control Officer.
- (3) For proposed indirect sources, the appropriate air quality modeling technique shall be that specified in the "Guidelines for Air Quality Maintenance Planning and Analysis, Volume 9: Evaluating Indirect Sources" (OAQPS 1.2-028R, U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina 27711, September 1978, as may be revised). In unusual cases, where the need is clearly demonstrated, the Air Pollution Control Officer may, in his discretion, allow use of an alternative technique. Any request to use an alternative technique shall be submitted prior to the application for review by the proposed indirect source under these regulations, and shall be accompanied by a validation study of the alternative technique, containing air quality monitoring data and other necessary documentation, which demonstrates the greater accuracy and appropriateness of the alternate technique as applied to the proposed source, in comparison with the modeling technique specified herein.