



Work Type Definition: Air Quality Modeling and Permitting

I. Description

This work type is focused on the preparation of air permits and the quantitative air quality analyses required during the preparation of the air permits. These quantitative analyses are performed for stationary sources to ensure that violations of the National Ambient Air Quality Standards (NAAQS) will not occur as a result of operations at the stationary source.

II. Standards and Specifications

Standards and specifications required for a project under this work type may include the following:

The permit applications and analyses must be performed in accordance with the guidance provided by the Minnesota Pollution Control Agency (MPCA). The consultant should be familiar with state and federal air permit types and requirements. Reports may be required to follow USEPA Human Health Risk Assessment Protocol (HHRAP) and MPCA Air Emissions Risk Analysis (AERA).

III. Description of Services to be Provided by Consultant

- Typical project deliverables may include the following:
- Title V permit applications and permit modification applications
- NAAQS modeling reports
- Human health risk assessments
- Cumulative impact assessments
- GHG reporting.