

Air Management Services

The Clean Air Act (CAA) was designed to curb threats to the nation's environment and to protect the health of the American population. The 1990 CAA established a national permitting program to make the laws more workable and improved the enforcement program to help ensure better compliance with the Act.

Although the various Clean Air acts and amendments are federal laws, the individual states are responsible for carrying out much of the program, including issuance of facility permits and enforcement actions. Nearly every business and manufacturing facility in the country is affected by the permitting program to some degree by requiring these facilities to calculate both actual and maximum theoretical air contaminant emissions. If certain emission thresholds are exceeded, a facility must apply for and obtain an air permit. Permits include information on which pollutants the facilities may release, the quantity of those pollutants which may be released, and the steps being taken to reduce pollution. Failure to comply with the provision of the CAA could result in significant fines, per day, per occurrence.

Bay Environmental Strategies, Inc. (BAY) employees have assisted a wide-spectrum of facilities obtain and manage air permits, including major (Title V), minor, and synthetic-minor sources.

Examples of BAY's Air Management Services include:

- New source review/construction permits
- Title V, major, and minor source permits
- Air emission inventories and annual reports
- Ambient air quality monitoring
- Air quality compliance audits
- Response to agency Notices of Violation or Notices of Non-compliance
- Setup/Maintain VOC/HAP Tracking Systems
- Prepare site-specific Malfunction Prevention & Abatement Plans
- Emission Testing
- New product line review
- Lowest Achievable Emission Review (LAER) analyses
- Best Available Control Technology (BACT) analyses
- Latest Available Control Technology (LACT) analyses

BAY not only provides comprehensive air management services, but also provides ongoing program support through our Environmental Management Program (EMP). This program allows industries of all sizes and needs to stay up-to-date with the ever changing and increasing air regulations and to have access to highly trained specialists.

