

MICHAEL S. HUNT, P.E.



MIKE HUNT

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AREAS OF EXPERTISE

Atmospheric dispersion modeling (AERMOD, AERSCREEN, ISC3, ISC3-Prime, SCREEN3, DEGADIS, SLAB, VISCREEN, and RPM-IISS)

Air quality permitting

Emission rate calculations and emission inventory questionnaires

CERTIFICATIONS

Professional Engineer, TX

EDUCATION

B.S., Math,
Master of Civil Engineering,
University of Texas

SENIOR SPECIAL CONSULTANT

The WCM Group, Inc, Humble, Texas - 2010 to Present

- Provides air dispersion modeling to support air permit applications for electrical power stations, chemical manufacturing facilities, oil and chemical storage and loading facilities, surface coating facilities (painting), sand blasting, and aggregate handling facilities, and accidental releases.
- Prepares air permit applications including New Source Review Permits, Non-attainment New Source Review permits, Permit by Rule applications, and Title V Federal Operating permits for electrical power stations, chemical manufacturing facilities, chemical storage and transportation and waste management facilities. Permitting includes regulatory analysis of State and Federal requirements including standards for NOX, VOC, SO2, PM, CO and Greenhouse gasses as well as New Source Performance Standards (NSPS), Maximum Achievable Control Technologies (MACT), National Emissions Standards for Hazardous Air Pollutants (NESHAPS), and Hazardous Organic NESHAPS (HON). Applications includes preparation of air emissions calculation.
- Provides expert witness analysis and testimony in public meetings in support of air permit applications including technical analysis of the permit application, air dispersion of pollutants and analysis potential impacts on air quality and surrounding community.
- Performs compliance audits under the Texas Audit Privilege Act including analysis of potential non-compliance practices and recommendations and practical solutions to enable clients to achieve compliance in a cost effective manner.
- Prepares environmental compliance manuals and compliance documents.
- Prepares emissions inventory questionnaires.

OWNER/PRINCIPAL ENGINEER

Hunt Air Strategies, Austin, Texas - 1991 - 2010

Responsible for providing air quality services to clients. These services included the preparation of air quality permits (NSR and Title V), performing atmospheric dispersion modeling, preparing EIQs, and participating in public hearings as an expert witness.

AIR QUALITY ENGINEER

ERM Southwest, Austin, Texas - 1991

Responsible for the preparation of air quality permits, performing atmospheric dispersion modeling and the preparation of EIQs. Also prepared analysis on the impacts of Clean Air Act Amendments of 1990 on facility operations.

PROJECT MANAGER

Radian Group, Austin, Texas - 1988 - 1991

Responsible for the preparation of air quality permits, performing atmospheric dispersion modeling and the preparation of EIQs. Responsible for overseeing various permitting issues and participated in environmental audits for several Air Force bases.

AIR QUALITY ENGINEER

Engineering Science, Austin, Texas- 1985 - 1988

Responsible for the preparation of air quality permits, performing atmospheric dispersion modeling and the preparation of EIQs. Participated in field work on projects in conjunction with the Texas Water Commission (now known as Texas Commission on Environmental Quality) assessing locations of aerial pesticide applicators.

ENGINEER

Bureau of Solid Waste Management, TDH, Austin, Texas - 1983 - 1985

Responsible for the certification of workers at municipal solid waste facilities and awarded applicants specific levels of certification based on their job level, experience and exam results. Administered exam.

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