

# PHILIP B. EVANS



## PHIL EVANS

pevans@wcmgroup.com

## AREAS OF EXPERTISE

Air Quality Compliance & Permitting (NSR/Permit By Rule/Title V, NSPS, NESHAPS, MACT, Mass Emission Cap and Trade)

## CERTIFICATIONS

40-Hour Hazardous Waste & Emergency Response

Occupational Safety & Health for Hazardous Waste Workers

## EDUCATION

B.S., Petroleum Geology  
Stephen F. Austin University

## SENIOR VICE PRESIDENT, TECHNICAL SERVICES

The WCM Group, Inc, Humble, Texas - February 1991 - Present

Provides a variety of client services including the completion of numerous state air permit applications, Federal Title V applications, registrations, air emissions inventories and air compliance audits. Performs air quality impact analyses using data from EPA approved dispersion models and Screens.

Possesses extensive knowledge of air emissions calculation methodologies for various source types, including combustion sources, storage tanks, vessel and truck loading, distillation and reaction units, and surface coating operations. Thorough understanding of a variety of manufacturing processes and a strong knowledge of required emission control equipment, including current Best Available Control Technology (BACT) applicable to numerous sources of emissions, such as storage tanks, boilers, flares, and turbines. Detailed knowledge of the various state and federal regulations that apply to the chemical manufacturing, terminaling, and bulk transportation industries including 40 CFR 60 (NSPS), 40 CFR 61 (NESHAP), 40 CFR 63 (HON), and 40 CFR 264/265 (RCRA), Subpart CC.

Experienced in preparation of air permit applications and Permit by Rule (PBR) registration packages that allow for maximum operational flexibility within regulatory limits for a variety of industries including chemical tolling and manufacturing, natural gas processing, bulk liquid storage and transfer terminals, and the chemical transportation industry.

Managed complicated air dispersion modeling projects for a variety of industrial sources including chemical manufacturing bulk liquid storage terminals and chemical transportation service facilities. Projects have included multi-source modeling to assess potential ground level impacts in complex terrain caused by emissions from cogeneration plant turbines and similar pollutants from nearby industries for federal NAAQS compliances, modeling to evaluate potential health effects/impacts from chemical emission sources and accidental release modeling of extremely hazardous substances for risk management planning.

## SPECIAL TRAINING

Trinity Consultants Inc,  
Fundamentals of Dispersion  
Modeling and Computer  
Modeling Laboratory

## MEMBERSHIPS

Air & Waste Management  
Association

Alpha Chi, Academic Honor  
Fraternity

Sigma Gamma Epsilon, Earth  
Science Honor Fraternity

**THE WCM GROUP, INC**  
110 S. Bender Avenue  
Humble, TX 77338  
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[wcmgroup.com](http://wcmgroup.com)

## INVESTIGATOR

**Harris County Pollution Control Department, Houston, Texas - 1988 - 1991**

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Responsible for investigating pollution sources and assessing compliance with state and federal regulations. Duties include field sampling, permit research and report preparation. Good communication skills are required for dealing with citizens, industry representatives, laboratory personnel and other regulatory agencies.

## WELLSITE LOGGING GEOLOGIST

**Exploration Logging Inc, Houston, Texas - December 1987 - May 1988**

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Performed formation evaluation services for petroleum exploration companies. Duties included geological interpretation of rock cuttings, identifying formation gases and monitoring drilling efficiency and formation pressure while exploring for hydrocarbons.

