

WeldCo\_PHS\_EX-004

# ERIC HODEK

## Principal

Eric Hodek has 24 years of environmental permitting and compliance experience specializing in air quality management. Mr. Hodek has extensive experience in federal and state air permitting and compliance for multiple industries including oil and gas, refining, mining, cement and lime, carbon black, miscellaneous manufacturing, and military operations. He has led the preparation of major source and minor source permit applications in 18 states and tribal lands. Mr. Hodek is an expert in state and federal Clean Air Act (CAA) and Emergency Planning and Community Right to Know Act (EPCRA) regulations and has led auditing and compliance assistance programs for major operators in 24 states.



He is an experienced compliance auditor having delivered compliance assessment and improvement projects related to due diligence, transaction services, and legal inquiry for industrial clients and external counsel. Mr. Hodek has led numerous projects for impact evaluation and assessment including developing emission inventories and emissions monitoring programs using the latest in process and dispersion modelling.

## CONTACT INFORMATION

**Eric Hodek**

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## CAREER

Principal, Air Services, Ramboll  
Associate Vice President, Air Services, Arcadis US  
Senior Consultant, Air Quality Team Leader, Environmental Resources Management  
Senior Project Manager, Air Quality, AECOM  
Environmental Manager, Cemex  
Field Artillery Officer, United States Army

## EDUCATION

**MBA, Business Administration**  
University of Colorado at Boulder

**BS, Environmental Science**  
University of Oklahoma

## EXPERIENCE

### Major New Source Review and Prevention of Significant Deterioration

Extensive experience in major source permitting including major New Source Review (NSR), Prevention of Significant Deterioration (PSD), and Non-Attainment New Source Review (NNSR) for new and modified facilities in Arkansas, Louisiana, Nevada, South Dakota, Texas, West Virginia, and Wyoming. Prepared project emissions calculations for applicability and netting conducted numerous Best Available Control Technology (BACT) reviews. Negotiated new BACT with state agencies and non-governmental organization interveners. Extensive experience in netting analysis for modified sources and development of PSD avoidance strategies. Conducted several project reviews for Routine Maintenance,

Repair, and Replacement (RMRR) and otherwise accommodated project increases. Oversaw execution of modelling for NAAQS/SAQS compliance, increment analysis, and air quality related values.

### **Programmatic Air Permitting**

Developed and implemented strategic air permitting programs for upstream and midstream oil and gas clients in support of fast-paced installation of hundreds of compressor stations, power stations, central gathering stations, central tank batteries and distribution facilities. Developed standardized emissions templates that integrated use of industry standard models such as ProMax, GRI GlyCalc, and E&P TANKS tailored to client requirements to efficiently execute authorizations including permits by rule, standard permits, and operating permits for multiple clients across Texas. Develop permit decision criteria analysis that evaluated regulatory and permitting applicability to assist clients in rapid permitting. Developed numerous minor source and Title V permit applications for new and modified sources in Alaska, Colorado, Georgia, Illinois, Iowa, Kansas, Nebraska, Oklahoma, Texas, Utah, West Virginia and tribal land. Industry experience includes power production, carbon black, oil and gas, agricultural products, cement and lime manufacturing, military operations and mining.

### **Decision Support and Fatal Flaw Analysis**

Conducted several feasibility studies or fatal flaw analyses for the siting and design of major industrial sources. Developed evaluation criteria based on air permitting and compliance requirements for both the go/no-go evaluation and the site selection criteria. Developed and evaluated current and proposed emissions against permitting requirements, existing and proposed air quality rules in 14 states, and control technology requirements.

### **Auditing and Compliance Assistance**

Managed and performed numerous third party due diligence and compliance audits for oil gas (upstream, midstream, and refining), power production, mining, aerospace manufacturing, agricultural products, and cement production in Alaska, Arizona, Colorado, Florida, Georgia, New Mexico, Oklahoma, Pennsylvania, Texas, and Wyoming. Evaluated all state and federal air quality regulations including state permits by rule, general permits, minor source NSR, NNSR, PSD, NSPS, NESHAP, MACT, Risk Management Planning, EPCRA [TRI] and GHG MRR. Developed audit protocols, executed field verification, and prepared reports for outside counsel to comply with audit privilege in these states. Developed and implemented corrective action plans including compliance systems, emissions monitoring systems, revised permit strategies, penalty negotiation support, and expert consultation with legal counsel.

### **National Environmental Policy Act Air Quality Impact Analysis**

Planned and conducted large scale air quality studies of major gas exploration programs in support of NEPA Environmental Impact Statements, Environmental Assessments, and Resource Management Plans in North Dakota, Utah, and Wyoming. These projects included development of detailed cumulative inventories of criteria air pollutants, hazardous air pollutants, and greenhouse gases. Conducted analysis of ambient air quality impacts in both the near and far field using AERMOD and CALPUFF as well as mesoscale impacts to ambient ozone concentrations using the Community Multiscale Air Quality (CMAQ) model. Guided the proponent and federal agency in study design, significance criteria, and development of mitigation strategies.

### **Ambient Air Quality and Meteorological Monitoring**

Developed and managed ambient air quality and meteorological monitoring projects in support of major source permitting and public concerns. Developed study protocols and quality assurance procedures as well as managing personnel deployment, logistics, and laboratory analysis. Prepared study results and data evaluation reports for submission to USEPA on behalf of clients. One project included the installation of remote monitoring stations located both on and off shore on the North Slope of Alaska.