

## AREAS OF EXPERTISE

- Site Investigation Technologies for Porous & Fractured Media
- Remedial Alternative Assessment and Design
- Groundwater Modeling
- Water Supply Development
- Geographic Information Systems

## EDUCATION

Bachelor of Arts, Geology  
Bachelor of Arts, Political Science  
University of Rochester, NY, 1984

Post-Graduate Work,  
Hydrogeology, Portland State  
University, Portland, OR, 1990-  
1992

## REGISTRATION

Licensed Professional Geologist  
➤ New Hampshire

Licensed Hydrogeologist  
➤ Washington

Licensed Registered Geologist  
➤ Oregon

## PROFESSIONAL HISTORY

Aries Engineering, Inc.  
Senior Hydrogeologist

Hahn & Associates, Inc.  
Senior Project Manager

## AFFILIATIONS

Association of Ground Water  
Scientists and Engineers

National Ground Water  
Association

Geological Society of New  
Hampshire

## REPRESENTATIVE EXPERIENCE

George Holt has over eighteen years of experience in the environmental consulting industry. He manages hazardous waste and petroleum release hydrogeologic studies, soil and groundwater remediation projects, water supply siting and permitting studies, indoor air quality assessments, industrial environmental compliance audits, and environmental site assessments. His professional experiences with Aries and other environmental engineering and consulting firms include:

- Development and implementation of subsurface soil, soil gas and groundwater investigations and indoor air quality monitoring programs
- Design and implementation of site remediation programs which include the use of soil vapor extraction/bioventing, air sparging, dual-phase soil vapor and groundwater extraction, remedial soil excavation, passive light, non-aqueous phase liquid (LNAPL) recovery, soil bioremediation, in-situ chemical oxidation, enhanced in-situ bioremediation, and thermal treatment technologies
- Characterization and remediation of chlorinated solvents, and dense, non-aqueous phase liquids (DNAPLs) in porous media and fractured bedrock.
- Computer modeling of groundwater flow systems and contaminant migration
- Management of underground storage tank decommissioning activities
- Management of environmental site assessment and environmental property transfer assessments
- Wetland impact evaluation, permitting and mitigation design
- Interpretation of aerial photographs relative to historic site waste management practices
- Assessment and interpretation of bedrock fracture traces and lineaments
- Vapor intrusion studies
- Air emission dispersion modeling and permitting
- Geographic Information Systems (GIS), including 3-D data visualization development, spatial analysis of environmental data, and data management
- Brownfield redevelopment assistance services
- Surface water runoff management, modeling and permitting, and erosion control
- Expert testimony and litigation support