

AREAS OF EXPERTISE

- Environmental Compliance
- Remedial Investigation
- Remedial Design/Construction

EDUCATION

Master of Science, Resource Management and Administration – Antioch University, 1982

Bachelor of Science, Aeronautical Engineering – Rensselaer Polytechnic Institute, 1969

POSTGRADUATE EDUCATION

Resident Scholar, Biology and Chemistry – Clark University Graduate School of Biology, 1973-1974

Teaching Assistant with Graduate Studies in Fluid Mechanics – Rensselaer Polytechnic Institute Graduate School of Aeronautical Engineering, 1969-1970

REGISTRATION

Professional Engineer, Chemical and Mechanical Engineering

- New Hampshire
- New York
- Vermont
- Maine

Professional Geologist

- New Hampshire

Licensed Site Professional

- Massachusetts

PROFESSIONAL HISTORY

Aries Engineering, Inc., Principal Engineer/Geologist, 1987-Present

GZA GeoEnvironmental, Senior Environmental Specialist, 1985-1987

New Hampshire Department of Environmental Services, Environmental Engineer and

REPRESENTATIVE EXPERIENCE

Thomas Roy, a founder of Aries Engineering, Inc. (Aries) has managed hazardous wastes site remedial engineering studies for over twenty-nine years. Representative environmental engineering and geology work includes: preparing environmental permits; auditing industries and institutions and assisting in compliance with and negotiating terms and conditions for administrative consent orders; conducting environmental studies to assess the nature and extent of soil, sediment, surface water, groundwater, and air contamination; designing groundwater treatment systems, soil treatment systems, and air pollution control equipment; providing resident engineering services for remedial action construction; and conducting risk assessments and environmental monitoring.

Prior to founding Aries, Mr. Roy practiced environmental engineering and geology as a Senior Environmental Specialist for GZA GeoEnvironmental, Inc. of Manchester, New Hampshire, and as an environmental engineer and geologist at the New Hampshire Division of Public Health Services and two State of New Hampshire Department of Environmental Services (NHDES) agencies: the New Hampshire Water Supply and Pollution Control Division and the Waste Management Division. Mr. Roy created and directed the State of New Hampshire Water Supply & Pollution Control Division's hazardous waste management program, Superfund program and Hazardous Waste Site Hydrogeologic Unit. Mr. Roy formed the DES Waste Management Division hazardous waste program, which included writing New Hampshire's hazardous waste rules, and supervising New Hampshire hazardous waste site remediation. Mr. Roy also conducted stack testing, ambient air monitoring, and industrial permit assessments for the New Hampshire Air Resource Division.

Mr. Roy's engineering work over the past thirty years has included environmental audits, environmental site assessments, petroleum contamination treatment system designs, landfill closure designs, industrial waste closure designs, noise studies, indoor air contaminant testing, environmental risk assessments, public health risk assessments innovative soil treatment designs, groundwater treatment system designs, slurry waste containment system design and construction, and air pollution control system design. He also served as a construction engineer at two Superfund sites and over ten state hazardous waste, solid waste and petroleum contamination sites. A brief summary of representative environmental engineering and geology projects follows.

- Lead Auditor, Multi-media Environmental Compliance Audit for Sprague Energy and Total Waste Management Facility, Total Waste Management Facility, Newington, New Hampshire.
- Principal Engineer, Remedial Design, Manchester Department of Highways Leaking Underground Storage Tank Site, Manchester, New Hampshire.
- Senior Project Manager, Quality Assurance/Quality Control Plan, Silresim Superfund Site, Lowell, Massachusetts.
- Principal Engineer, Town of Milford, Milford Police Station Indoor Air Quality Study, Milford, New Hampshire.
- Principal Engineer, Janco Building Lead Abatement Design, Somersworth, New Hampshire.

Program Manager, Hazardous Waste Program and Superfund Program, 1978-1985

AFFILIATIONS

Board Member – New Hampshire Hazardous Waste Facility Siting Board

Tau Beta Pi Honorary Engineering Association

Consulting Engineers of New Hampshire/ACEC

Association of Ground Water Scientists and Engineers

New Hampshire Council of Professional Geologists

New Hampshire Geological Society

Massachusetts LSP Association

Past Chair, Town of Canterbury Conservation Commission

Past Adjunct Faculty – Antioch University

Past President, New Hampshire Chapter – American Heart Association

Past Board Member – New Hampshire Business and Industry Association (BIA)

Founder – BIA WasteCap
Vice-Chair, Souhegan River Technical Review Committee
Member, ITRC Fuel Oxygenates Team

PUBLICATIONS

“New Hampshire Environmental Practice – Regulations and Compliance”, Butterworths Legal Publishers, 1992, 1996

- Consulting Expert, Wyle Electronics Site, Norco, California.
- Consulting Expert, Portland Harbor Superfund Site, Portland, Oregon.
- Consulting Expert, Oregon Steel Mills Site, Portland, Oregon.
- Supervising Contractor and Project Coordinator, Operable Unit- One (OU-1) Remedial Design and Remedial Action, Coakley Landfill Superfund Site, North Hampton, New Hampshire.
- Project Manager, OU-2 Remedial Design and Remedial Action, Coakley Landfill Superfund Site, North Hampton, New Hampshire.
- Principal Engineer/Geologist, Town of Milford Technical Representative PCB Cleanup, Fletcher’s Paint Superfund Site, Milford, New Hampshire.
- Project Manager and On-Scene Coordinator, Slurry Wall and Groundwater Treatment System Design and Construction, Gilson Road Superfund Site, Nashua, New Hampshire.
- Senior Project Manager, Remedial Investigation and Feasibility Study, Ottati & Goss/Great Lakes Container Corporation (O&G/GLCC) Superfund Site, Kingston, New Hampshire.
- State of New Hampshire Environmental Engineer supervising the Koppers Wood Treatment Site Environmental Study, Remedial Design and Remedial Action, Koppers Wood Treatment Site, Merrimack, New Hampshire.
- Senior Project Manager, Remedial Investigation, Risk Assessment and Fracture Trace Analysis, Saco Landfill Superfund Site, Saco, Maine.
- Principal Engineer/Geologist Canterbury Landfill Design Assessment, CRSW/RCC Proposed Landfill, Canterbury, New Hampshire.
- Principal Engineer, DNAPL Site Closure Investigation and Design, PAK 2000, Tuftonborough, New Hampshire.
- Principal Engineer, Groundwater Remedial Engineering Design, OK Tool Source Area, Savage Well Superfund Site, Milford, New Hampshire.
- Principal Engineer, Hazardous Waste Site Closure Design, Newmarket Landfill, Newmarket, New Hampshire.
- Project Manager, Operable Unit-Two (OU-2) Remedial Design and Remedial Action, Coakley Landfill Superfund Site, North Hampton, New Hampshire.
- Expert Witness Services, Dry Cleaning Site Closures, Atlanta, Georgia and Odessa, Texas.
- Project Engineer, Peterborough Landfill Closure Design, Peterborough, New Hampshire.