

## AREAS OF EXPERTISE

- Site Characterization
- Remedial Technology Selection and Implementation
- Environmental Site Assessments
- Air Quality Testing and Assessment

## EDUCATION

Bachelor of Science, Chemical Engineering – Cum Laude  
Michigan State University  
East Lansing, MI – May 2002

## REGISTRATION

Professional Engineer  
➤ New Hampshire

## PROFESSIONAL HISTORY

Aries Engineering, Inc., Project Engineer, 2003-Present

Air Pollution Characterization & Control, Ltd., Project Engineer and Manager of Technical Services, 2002 – 2003

DLZ Michigan, Inc., Engineering Assistant, 2001-2002

Michigan State University, Science Consultant, 2000-2001

## AFFILIATIONS

Member – American Institute of Chemical Engineers (AIChE), 2000 – Present

## SPECIAL TRAINING

OSHA 40-Hour Hazardous Waste Operations and Emergency Response

Certified NHDES Hazardous Waste Coordinator

## REPRESENTATIVE EXPERIENCE

Ms. Ward is a Professional Engineer with experience in site assessment, site characterization, site remediation, air quality engineering, and multi-media environmental audits. She has successfully performed projects involved with subsurface investigation and remedial engineering for petroleum-contaminated sites as well as hazardous waste sites. Ms. Ward has developed and implemented several remedial solutions including contaminated soil excavation and disposal, underground storage tank closure, and in-situ chemical oxidation. Her projects have involved the development of plans, specifications and contract documents for environmental remediation and handling of contaminated soil and groundwater consistent with federal, state and local regulations.

As an air quality engineer, Ms. Ward has developed and conducted air pollution emissions measurement programs for various industries including pulp and paper mills, electric generating utilities, cement processing plants, and surface coating facilities in Maine, New Hampshire, Massachusetts, New Jersey, New York, and Indiana. She has performed numerous emission compliance tests in accordance with Environmental Protection Agency (EPA), American Society for Testing and Materials (ASTM), National Institute for Occupational Safety and Health (NIOSH), and other approved protocols. Ms. Ward has also conducted various air permit compliance reviews, performed indoor air quality testing, and completed air dispersion modeling.

Her experience includes:

- Development and management of surface soil, sediment, subsurface soil and groundwater investigation programs;
- Development and implementation of Remedial Action Plans (RAPs);
- Oversight and management of RAP implementation;
- Expert witness testimony support;
- Management of logistical and field efforts for various air quality projects;
- Assessment of ambient air quality data;
- Air emission dispersion modeling; and
- Multi-media environmental audits.