

Over thirty years experience in geologic and environmental consulting. Responsible for the direction of the activities of the Environmental and Building Design Group, including technical review and project management.

Experience includes:

- Preparation and review of technical reports for environmental assessments and site investigations of contaminated lands and waters.
- Preparation of remedial action plans of contaminated soil and groundwater.
- Preparation and Review of Lake, River, and Storm Water Management Planning and Protection documents.
- Landfill design, construction inspection, and feasibility studies.
- Coordination, supervision, and completion of environmental investigations at chemically contaminated sites - petroleum, agricultural chemicals, landfills, manufactured gas plants.
- Interpretation of surface and groundwater quality evaluation data including aquifer characterization.
- Environmental monitoring plans including oil spill prevention, control, and counter measures, wastewater treatment, and storm water.
- Geologic mapping, aerial photograph interpretation, geophysical data acquisition and interpretation.
- Soil sediment and water quality sampling and analysis.
- Ground water modeling.



### **Professional Registration**

State of Wisconsin, 1995, Professional Geologist, No. 74

### **Education**

Dalhousie University, Nova Scotia, Bachelor of Science, Geology, Physics & Mathematics (1973)

University of Wisconsin-Eau Claire, Master of Science, Environmental & Public Health (1992)

### **Professional Certifications**

40-hour OSHA Health & Safety Training for Hazardous Materials Handling and Annual 8-Hour Refresher Classes

Certified Site Assessor (WI Reg. #41454)

Certified Professional Geologist (AIPG #8146)

### **Professional Affiliations**

American Institute of Professional Geologists

National Water Well Association

Wisconsin Water Well Association

Wisconsin Ground Water Association

Federation of Environmental Technologists

Wisconsin Wetland Association

Minnesota Ground Water Association

### **Employment History**

1989 - present Cedar Corporation

1986 - 1988 CDI Surveys, Inc.

1975 - 1986 Geoterrex, Ltd.