

## **RICHARD L. CROUCH, JR.**

### **EDUCATION**

North Carolina State University, Raleigh, NC; 1972 - Bachelors of Science in Engineering Geology

North Carolina State University, Raleigh, NC; 1975 to 1977 - 33 Credits towards a Master of Sciences Degree

### **CONTINUING EDUCATION & TRAINING**

- Environmental Applications of Geophysical Methods – July 1979
- Groundwater and Pollution – April 1986
- Groundwater and Contamination Migration Modeling – April 1989
- 40 Hour OSHA Hazardous Waste Site Worker Training – 1989
- 8 Hour OSHA Annual Hazardous Waste Site Worker Training

### **PROFESSIONAL EXPERIENCE**

- **Barron & Associates, P.C. (1994 to Present)**

Senior Hydrogeologist responsible for project management and technical assistance involving groundwater, contaminant transport and other environmental issues (e. g. air, surface water, health and safety. etc.) Participates and supervises the investigative program design, field investigative activities, data evaluation and report writing for Dewatering and Drainage Well Studies, Hydrogeological Studies, Phase I and II ESA's and UST Investigation and Remediation. Perform groundwater and contaminant transport modeling for site characterizations and risk assessments.

- **Day Engineering, P.C. (1991 to 1994)**

Responsibilities as a Senior Hydrogeologist at Day Engineering, P.C. were similar to the above responsibilities presently performed at Barron & Associates, P.C.

- **ECCO, Inc. (1988 to 1991)**

Responsibilities at ECCO, Inc. included Part Owner and President with Senior Hydrogeologist responsibilities similar to the above responsibilities presently performed at Barron & Associates, P.C. During tenure at Ecco, Inc., participated in multi-discipline investigation conducted at an industrial site in Melbourne, Australia. This Investigation resulted in co-authoring a paper published in the Australian Journal of Public Health.

- **Recra Environmental, Inc. (formerly Recra Research, Inc.) ( 1981 to 1988)**

Responsibilities as a Senior Hydrogeologist at Recra were similar to the above responsibilities presently performed at Barron & Associates, P.C. During tenure at Recra, participated as an instructor in numerous workshops and seminars concerning groundwater, geochemistry, and contaminant migration. Seminars were conducted in New York, USEPA Midwest Region States and Puerto Rico.

- **North Carolina Dept. of Natural Resources (1977 to 1981)**

As a Hydrologist II was lead groundwater technical person on 208 Water Quality Plan committee for the State. Responsibilities included investigation activities, data evaluation, 208-document preparation, and presentation before Sate Legislature and public participation meetings.