

JAMES W. SPOTTS, Ph.D.

EDUCATION

Post-doctoral courses, Mississippi State University, 1974 –1978
Ph.D. Soil Physics, Texas A&M University, 1974
M.S. Agronomy (soils) University of Arkansas, 1970
B.S. Forest Management, North Carolina State University 1962

PROFESSIONAL REGISTRATIONS

Certified Professional Soil Scientist, (ARCPACS), No 54
Certified Professional in Soil Erosion and Sediment Control No. 892
GA NPDES Program “Qualified Person”
Competent speaker, Toastmasters International

AFFILIATIONS AND LEADERSHIP PROGRAMS

American Society of Agronomy
International Erosion Control Association
Pennsylvania Association of Professional soil Scientists
Soil Science Society of America
Soil Science Society of Georgia

PREVIOUS EXPERIENCE

Dr. Spotts retired as a Program Manger and Soil Scientist after 27 years services within several federal agencies. He served as a soil scientist with the US Forest Service, mapping soils and developing multi-use plans for land development. He served as a soil scientist and civil engineer, with the Dredged Material Research Program, US Army Corps of Engineers, Waterways Experiment Station. He served as Regional Soil Scientist with the US Department of the Interior’s Office of Surface Mining. In these positions, he served as Program Manager and Director for research, development and training, aspects of resource evaluation and use allocation. Some important aspect of these programs included the development of local and regional erosion and sediment control practices, and the development of local, county, state and nation-wide training programs related to these practices. He chaired a national committee that developed performance standards to meet requirements of federal laws. He directed a nationwide program to collect and characterize dredged material from national waterways. Afterwards, he managed a field demonstration of dewatering techniques for confined dredged materials. In the private sector he has served as Program Manager and later as Group Leader for two architect-engineer firms in Atlanta. In these capacities he was responsible for all plans meeting regulatory requirements. He also conducted site inspections for company clients, and has set up numerous monitoring programs to assist them meet effluent criteria. Dr. Spotts provided technical support for several state-level litigation proceedings.

On a regional level, he developed inspector-training programs for federal and state agencies. He performed agency program oversight reviews. He chaired a committee of professional

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engineers and scientists that evaluated resources and developed a long-term management plan for the 2000-acre camping facility owned by the Greater Pittsburgh Council, Boy Scouts of America. Dr. Spotts also has international experience. He organized and administered USAID programs of technical assistance for the government of India, and countries in South America.

CURRENT PRACTICE

Dr. Spotts is President of Southeastern Environmental Consultants, LLC, a company that assists its clients to address environmental problems related to erosion, sediment and stormwater. Dr. Spotts is a strong proponent of “pre-active” rather than “re-active” practices to achieve cost-effective results. Dr. Spotts designs and reviews sediment control programs for company clients. He also monitors erosion and sediment management programs during site construction projects. He sets up site monitoring stations and monitors storm water discharge for compliance with NPDES program requirements. He also works closely with state, county, and municipal authorities to develop effective regulatory and oversight programs. Most recently he has been an active participant in the revision of the Georgia NPDES program, and provides “expert testimony” for litigation cases when needed.

Technical training programs he has developed and presented include:

- Annual training programs for the International Erosion Control Association
- Tennessee Department of Transportation (2 years)
- Colorado Department of Natural Resources
- City of Atlanta, Erosion Control Enforcement Training
- Georgia DNR NPDES “Qualified Person” Training Course
- USDI Office of Surface Mining Inspector Training Courses in PA, KY, TN, WV, VA, AL
- Cobb County’s First Annual Erosion Control Technology Field Day

Recent clients include:

Skanska USA

Cobb County Soil and Water Conservation District

Georgia Soil and Water Conservation Commission

PRS Construction Company

Post Properties, Inc.

Oxford Properties, LLC

Rogers Construction Company

Marriott Corp

Georgia Erosion Control Center

TN DOT