

Professional Record

Professional Synopsis:

Mr. Gardner's experience encompasses over 28 years of progressive experience including over 25 years of landfill engineering at more than 200 landfill facilities in 20 states involving over 500 projects. This has included comprehensive planning, siting, permitting, design, expansion, construction, operation, closure and post-closure care associated with hundreds of public and private landfill and waste sites across the country. His Geotechnical experience incorporates numerous civil structures including tanks, utilities, subway/light-rail transit, commercial buildings, roadways, bridges, and industrial plants and infrastructure. This experience also includes remediation of foundation damage, failure analysis, railbed and slope rehabilitation, foundation settlements, and natural/constructed embankment landslides. Mining-related work includes deep and surface coal and non-coal mine applications, coal refuse disposal design/construction, and mine subsidence stabilization.

Mr. Gardner's general environmental experience includes permitting and design related to site assessments, stormwater design, wetlands, air quality, and groundwater studies. Mr. Gardner has performed environmental due diligence activities for landfill and related facility acquisitions.

Mr. Gardner's experience includes technical peer review of landfill and related facilities encompassing greenfield and expansion projects for regional solid waste authorities and private industry. Private sector work has included complete solid waste planning, permitting and design projects for many of the country's largest solid waste disposal companies. Mr. Gardner has worked closely with private firm accountants and controllers in meeting requirements for closure & post closure asset retirement and budgeting to meet federal reporting requirements.

Industrial/Residual Waste Landfill experience has included facility planning, design and construction in the pulp/paper, primary and secondary aluminum, chemical, steel, gypsum (wall board), and power industries. Hazardous Landfill Permitting and Design experience has encompassed Part B applications for a number of chemical facilities, the steel industry, and Storm water/Closure plans for one of the first RCRA C facilities in Pennsylvania.

Mr. Gardner has served as an expert witness on a number of projects for regional landfill facilities, private landfill sites, landfill construction costs, industrial site closure, recycling facilities and related developments.

Construction Quality Assurance (CQA) and Certifying Engineer experience includes numerous solid waste landfill projects totaling over 10 Million square feet of single/double landfill liner and leachate collection/detection system construction as well as cell construction of numerous, unlined non-MSW facilities and site closures.

John M. Gardner, P.E. Senior Project Manager

Academic Credentials:

B.S., Civil Engineering, University of Pittsburgh, 1981

Duties:

2006 - Present - Vice President

2000 - Present - Board of Directors

Professional Credentials:

Professional Engineer - Pennsylvania, Maryland, Indiana, Kansas, North Carolina, South Carolina, Mississippi, Tennessee, Virginia, Florida, Georgia, Ohio, Alabama

Certification - The National Council of Examiners for Engineering and Surveying

Employment Record:

1996-present - Richardson Smith Gardner & Associates (formerly G.N. Richardson & Associates, Inc.)

1994 - 1996 - HDR Engineering, Inc.

1986 - 1994 - Almes & Associates, Inc.

1985 - 1986 - Fred C. Hart Associates, Inc.

1984 - 1985 - STS D'Appolonia, Ltd.

1981 - 1984 - D'Appolonia Consulting Engineers, Inc.

1974 - 1981 - Pittsburgh Testing Laboratory (summers)

Principal Areas of Expertise:

Landfill and Transfer Station Design/Permitting, Operations and Construction Certification

Geotechnical Engineering

Environmental Permitting

Site Acquisition & Environmental Due Diligence

Professional Activities:

American Society of Civil Engineers (Treasurer, Pittsburgh Section 1981 to 1984)

Selected Publications:

Smolenski, C.P., J. Gardner, and U. Dayal, October 1992, "Field Performance Evaluation of Synthetic Foam Daily Cover" presented at the Eighth International Conference on Solid Waste Management and Secondary Materials, Philadelphia, Pennsylvania, November 15-18, 1992.

Gardner, J., "Leachate Management through Minimization" presented at the Solid Waste Association of North America 34th Annual International Solid Waste Exposition, Portland, Oregon, September 23-26, 1996.