



NAME:	Joseph M. McDowell, P.E.
POSITION:	Partner, Vice-President of Engineering
EDUCATION:	Bachelor of Arts in Civil and Environmental Engineering, 1996 University of Pittsburgh Pittsburgh, Pennsylvania

PROFESSIONAL EXPERIENCE:

Martin and Martin, Incorporated - 1996 to Present

As a Principal Partner and Design Engineer with the firm, Mr. McDowell serves as the firm's primary engineering professional and has participated in the design and management of numerous developments throughout Pennsylvania. He also serves as a consultant to numerous local municipalities. Roadway construction projects, storm water management design, erosion and sedimentation control plans, water and sewer system analysis, waterway encroachment studies are just a few of the varied issues he has dealt with in both a public and private sector setting. He has designed state-of-the-art sanitary landfill projects, leachate collection systems, and solid waste transfer facilities and is familiar with state disposal facilities. In addition, he has acted as Chief Engineer on many roadway projects for municipal authorities throughout South Central Pennsylvania, and is familiar with state regulatory requirements for roadway drainage structures.

Construction Quality Assurance Services, Inc. - 1996 to Present

Mr. McDowell is involved in third party inspection of engineer designed construction and fully qualified to carry out Quality Assurance/Quality Control measures required on Professional Engineering projects. Joseph McDowell has been responsible for quality control and assurance on three double lined containment cells projects, and assisted in quality control duties on several other projects. His experience in quality control during installation/construction includes high density polyethylene, polyvinyl chloride, geotextiles, geonets and geocomposite liners.

PROFESSIONAL AFFILIATIONS AND TECHNICAL RECOGNITIONS:

Professional Engineer (Pennsylvania, Maryland and Kentucky)

American Society of Civil Engineers

National Society of Professional Engineers

