



Environmental Consulting Services, L.L.C.

**Mark C. Mummert, Ph.D., C.I.H., P.E.**  
**Senior Environmental Engineer, Industrial Hygienist**

Dr. Mummert specializes in risk assessment, pollutant fate and transport modeling, and site remediation. A licensed professional engineer and certified industrial hygienist, Dr. Mummert also performs risk assessments to determine remedial design, construction and operation requirements at environmental clean-up sites. He has extensive experience in performing groundwater modeling at a variety of project sites. Dr. Mummert has utilized Visual MODFLOW and MT3D software to evaluate groundwater migration. He has conducted remedial investigations and feasibility studies for a range of clients including industrial clients and potentially responsible party (PRP) groups. He has also provided third party review of data evaluation, risk assessment, and fate/transport modeling for sites. Dr. Mummert developed a conceptual design for a subsurface drain system to mitigate leachate seeps for a closed landfill. He assessed the hydrogeology of the landfill using the HELP model. The drain was designed and constructed following state approval.

Dr. Mummert also is experienced in preparing air permits, stormwater management plans and Spill Prevention, Control and Countermeasure Plans. He has supervised the collection of air samples to assess worker exposure to dust and metals. Dr. Mummert managed air sampling related to isocyanates in paint at two manufacturing plants. He has conducted technical review of air sampling reports at numerous facilities across the US where worker exposure to dust, silica, asbestos and hazardous materials were a concern.

He has provided expert testimony and he has prepared technical opinions for litigation. He has also prepared presentations and he has participated in public meetings. Dr. Mummert is a member of the adjunct staff of Atlantic.

**Education**

Ph.D., Soil and Water Engineering, Cornell University, Ithaca, NY, 1987

M.S. Soil and Water Engineering, The Pennsylvania State University, University Park, PA, 1983

B.S. Agricultural Engineering, The Pennsylvania State University, University Park, PA, 1982

**Registrations and Certifications**

Professional Engineer licensed in Kentucky (No. 20115), New Jersey (GE 41461) and Pennsylvania (PE-041364).

Supervisor in Health and Safety Operations at Hazardous Materials Sites, 29CFR1910.120 (E)(2) as mandated by SARA.

Certified Industrial Hygienist, American Board of Industrial Hygiene since January 2002.