

## BRIAN K. MURPHY, P.G., SENIOR PROJECT MANAGER



### Years of Experience

- 21 Years

### Education and Research

- M.B.A., Florida Southern College
- B.A., Geology, Miami University

### Professional Certifications

- FL Professional Geologist, #887

### Professional Societies

- Society of Mining Engineers (1985 – 2002)  
Secretary, Florida Section, 1989

### PROFESSIONAL PROFILE

Brian Murphy has extensive experience in the fields of landfill permitting, design, and construction/operations management. He has managed permitting, design and QA/QC consultants, construction and liner contractors in the construction and closure of landfills, and hourly and staff-level personnel in the operations and maintenance of the landfills. Mr. Murphy has overseen a broad range of technical activities that include the following: sinkhole investigations, landfill site selection studies, foundation design, landfill stability and liner design, groundwater modeling, construction monitoring, and roadway corridor studies.

### REPRESENTATIVE PROJECTS

**Multiple Projects for Subsidence Investigations and Phase I Environmental Site Assessments.** As senior project manager, Mr. Murphy has managed multiple projects' field activities, Madrid CPWG drill crews and laboratory technicians, and subcontractors, during sinkhole investigations and Phase I Environmental Site Assessments. Direct data analysis and report preparation for subsidence

**Polk County's NCLF Phase 3 and Phase 5 landfill expansions.** Provided construction engineering inspection services

**Piney Point Gypsum Stack, Palmetto, FL.** As lead environmental scientist with Shaw Environmental & Infrastructure managed the activities for the analysis of process water/leachate treatment system operations and surface and groundwater impacts for a 400-acre industrial system.

**Gypsum Stack Operations Manager, Ft. Meade, FL.** Managed permit compliance, operations, and maintenance of over 480-acres of landfill and process water recirculation system for US Agri-Chemicals. Prepared and managed annual capital (two projects totaling \$37 million) and operating budgets (\$1.5 million)

**Permitting and Design Landfill Expansion and Landfill Closure, Ft. Meade, FL.** Managed initial permitting and design for a 190-acre landfill expansion and a 250-acre landfill closure for the US Agri-Chemical mine. Also, managed compliance with OSHA regulations 29 CFR 1910.119 Process Safety Management of Highly Hazardous Chemicals and EPA regulations 40 CFR 68 Chemical Accident Prevention, Risk Management Plan.

**Environmental Permitting, Design, QA/QC, Construction and Lining, Ft. Meade, FL.** Manager for construction of a 160-acre phosphogypsum landfill expansion and closure of a 90-acre phosphogypsum landfill for the US Agri-Chemical mine.