



JOHN MICHAEL CORN, P.E.

EDUCATION:

B.S. Chemical Engineering, University of Tennessee, Knoxville, Tennessee, 2001

PROFESSIONAL LICENSES AND CERTIFICATIONS:

Professional Engineer, Tennessee
Certified AHERA Inspector for Asbestos

PROFESSIONAL TRAINING:

40-Hour Training for Hazardous Waste Operations and Emergency Response (HAZWOPER)

CURRENT PROFESSIONAL INVOLVEMENT: 2003 - present, **AquAeTer**, Project Engineer

Mr. Corn has five years of experience in environmental engineering. His current projects include water quality assessments, air emissions calculations and modeling, environmental litigation support, dispersion studies, groundwater investigation, geomorphologic analysis, wastewater treatment selection, bioaccumulation, and environmental site assessments. He has been involved in environmental sampling, bench and pilot-scale studies, groundwater tracer tests, site assessments for spill prevention, control, & countermeasures plans, wastewater allocation studies, design of single-port and multi-port diffusers, statistical distribution analyses, emissions estimations for facility permitting, toxicity testing, surface water remediation, and project planning and budgeting.

PRIOR PROFESSIONAL INVOLVEMENT:

2002-2003 Environmental Systems Corp., Knoxville, Tennessee, Senior Technologist
2000-2001 **AquAeTer, Inc.**, Nashville, Tennessee, Summer and Winter Intern

AREAS OF EXPERTISE:

Environmental Investigations and Remediation

Ambient Air Testing and Monitoring
Air Modeling
Water Quality Monitoring and Modeling
Total Maximum Daily Load Determination
Dispersion Analysis
Site Remediation
Soil/Groundwater Investigations
Bioremediation
Bench & Pilot Scale Studies
Asbestos Sampling Evaluation
Sediment Investigation and Surveys
Bathymetric Surveys

Industrial

Wood Treatment
Chemical Hazard Analysis
Air Emission Inventories
Emission Data Analysis
Emission Control Evaluation
State Voluntary Cleanup Programs

Permitting and Best Management Plans (BMPs)

Title V Operating Permits
Minor Source Permitting
NPDES
SPCC Plans
BMPs for Sediment Control
BMPs for Discharge Control
BMPs for Sediment Mitigation

Water Quality Modeling

WASP
EPD-RIV1
CORMIX
Visual PLUMES
WATER9

Air Emissions Modeling

ISCST3
WATER9

Geomorphologic Analysis

Flood Sampling and Flow Analysis
Creek Surveys and Profile Assessment