



**JOHN MICHAEL CORN, P.E.**

**EDUCATION:**

B.S. Chemical Engineering, University of Tennessee, Knoxville, Tennessee, 2001  
M.E. Environmental Engineering, Vanderbilt University, Nashville, Tennessee, December 2013

**PROFESSIONAL LICENSES AND CERTIFICATIONS:**

Professional Engineer, Tennessee

**PROFESSIONAL TRAINING:**

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

**CURRENT PROFESSIONAL INVOLVEMENT:** 2003 - present, **AquAeTer**, Operations Manager

Mr. Corn is in charge of all operations of the Technical staff in the Brentwood office. He oversees technical quality, budgets, and personnel resources. Mr. Corn is experienced in environmental engineering. His current projects include water quality studies and modeling, hydraulic and hydrologic analyses, air emissions calculations and modeling, environmental litigation support, dispersion studies, groundwater investigations, 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, total maximum load analyses 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. He recently completed a study involving HEC-HMS modeling where he was responsible for projecting various rainfall events up to the PMP and the resultant runoff from a large basin for transport of radionuclides.

**PRIOR PROFESSIONAL INVOLVEMENT:**

2002-2003 Environmental Systems Corp., Senior Technologist. Mr. Corn’s work included management and development of over 90 SPCC Plans, asbestos surveys, and air quality assessments.

2000-2001 **AquAeTer, Inc.**, Summer and Winter Intern. Mr. Corn’s work included tidal dispersion study, creosote emissions analyses, SVE system design, groundwater and soil monitoring, and ambient air monitoring.

**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
- Hydrologic Analyses
- Biological Investigations
- Flood Sampling and Flow Analysis
- Creek Surveys and Profile Assessment

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 & Minor Source Operating Permits

NPDES

SPCC Plans

BMPs for Sediment Control, Discharge Control,  
Sediment Mitigation

Source Identification

Section 10/404 Permitting

Water Quality Modeling

HEC

EFDC/WASP

EPD-RIV1

CORMIX

Visual PLUMES

WATER9

TR-55

Air Emissions Modeling

AERMOD

WATER9