



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
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 12 years of experience in environmental engineering. His current projects include water quality studies and modeling, 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.

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

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
BMPs for Discharge Control
BMPs for Sediment Mitigation

Water Quality Modeling

HEC
WASP
EPD-RIV1
CORMIX
Visual PLUMES
WATER9

Air Emissions Modeling

AERMOD
WATER9

Geomorphologic Analysis

Flood Sampling and Flow Analysis
Creek Surveys and Profile Assessment