



## NICHOLAS J. CARMEAN

### EDUCATION:

M.S. Fisheries Biology, Arkansas Tech University, Russellville, AR  
B.S. Environmental Studies and Biology, Ohio Northern University, Ada, Ohio

### PROFESSIONAL TRAINING:

Army Corps of Engineers Wetland Delineation Classroom and Field Training  
16-Hour Wetland Permitting Training  
40-Hour Training for Hazardous Waste Operations and Emergency Response (HAZWOPER)  
8-hour (HAZWOPER) supervisory training

### PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS:

American Fisheries Society, Member

### CURRENT PROFESSIONAL INVOLVEMENT: 2013-present, **AquAeTer**, Scientist

Mr. Carmean joined **AquAeTer** in the Brentwood, Tennessee office in 2013 to assist with water quality investigations including biological, fisheries and wetlands related projects. Mr. Carmean's recent experience includes water quality monitoring. He has conducted biological assessments that incorporated riparian and instream habitat evaluation, habitat mapping, instream discharge measurements, electrofishing, seine netting, and identification of fish collected through those methods. Mr. Carmean recently completed a 4-day, 38 hour course covering wetland delineation procedures used and approved by the U.S. Army Corps of Engineers, including the Eastern Mountains and Piedmont Regional Supplement, and other regulatory agencies through a combination of inside lecture and class discussion, as well as an equal amount of field demonstrations and practice. The course covered the roles of hydrology, hydric soils, and hydrophytic vegetation in the delineation of a wetland.

### PRIOR PROFESSIONAL INVOLVEMENT:

2009-2013      Brazos River Authority, Waco, Texas, Aquatic Scientist  
2009            US EPA National Rivers and Streams Assessment Team, Russellville,  
Arkansas, Field Crew Leader

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### AREAS OF EXPERTISE:

Water Quality Assessments  
Water Quality Sampling & Monitoring  
Biological Assessments  
Habitat Mapping  
Fish Collection and Identification