

# RICHARD W. ROGERS, V.

## EDUCATION:

B.S., Geoscience/Geology, Austin Peay State University, Clarksville, Tennessee, 2010  
A.A.S., Computer Integrated Drafting & Design, Pellissippi State, Oak Ridge, Tennessee, 2000

## PROFESSIONAL LICENSES AND CERTIFICATIONS:

40-Hour OSHA Training for Hazardous Waste Operations and Emergency Response (HAZWOPER)  
First Aid / CPR Certification, American Red Cross  
Boating Education Safety Course, U.S. Coast Guard/TWRA  
TN Qualified Hydrologic Professional In Training (TNQHP)Phas

## PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS:

American Institute of Professional Geologists (AIPG)  
National Speleological Society (NSS)  
Tennessee Geographic Information Council (TNGIC)

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## CURRENT PROFESSIONAL EXPERIENCE: Present, **AquAeTer**, Project Geologist / GIS Analyst III

Richard W. Rogers, V. is a Project Geologist whose experience includes the use of GIS techniques for Phase I and Phase II Environmental Site Assessments, water use surveys, groundwater monitoring well network design and sampling, surface water sampling design and implementation, storm water sampling, sampling of various solid and fluid wastes, hydrogeologic data acquisition and analysis, LNAPL remediation system design and implementation, surface and subsurface soil characterization and sampling, passive soil gas studies, and investigations of unregulated landfills.

Mr. Rogers is AquAeTer's GIS Manager. He is responsible for coordination and implementation of geographic data acquisition, spatial database management, data quality assurance and final delivery of end products from AquAeTer's GIS department. In this role, he has provided support for projects such as surface and groundwater modeling, stormwater asset management projects as well as, environmental litigation support. Mr. Rogers directs AquAeTer's professional staff of 5 professionals in GIS use for our Brentwood, TN, Centennial, CO, and New Bern, NC offices.

## PRIOR PROFESSIONAL INVOLVEMENT:

2010 - 2011 EnSafe Inc, Nashville, Tennessee, Environmental Specialist  
2008 - 2009 AquAeTer Inc., Brentwood, Tennessee, GIS Specialist  
2000 - 2008 Cornerstone Custom Designs LLC, Lenoir City, Tennessee, Owner

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## AREAS OF EXPERTISE:

### Field Studies

Phase I and Phase II Site Investigations  
LNAPL Plume Delineation & Remediation System Design  
Passive Soil Gas Studies  
Surface Water Quality Sampling & Monitoring  
Groundwater Quality Sampling & Monitoring  
Water Use Surveys  
Waste Load Allocation Studies  
Use Attainability Analysis Studies  
Bathymetric Surveying  
Benthic Macro-Invertebrate Sampling

### Geographic Information Systems (GIS)

Geo-database management  
Geo-referencing Historic Maps/Aerial Photography  
Spatial Analysis of geographic Data

### Geographic Information Systems (GIS), continued

Remotely Sensed Data Analysis  
Triangulation Graphics Creation  
Data Interpolation and Isoleth/Contour Creation  
Digital Terrain Model Creation  
Hydrologic Modeling & Analysis

### Software Proficiencies

HEC-GeoHMS / HEC HMS  
HEC GeoRAS / HEC RAS  
Surfer / Grapher  
ESRI ArcGIS 10.3.1 Desktop / Online  
ESRI Spatial Analyst Extension  
ESRI 3D Analyst Extension