

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)

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

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