



RICHARD W. ROGERS V., P.G.

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:

Licensed Professional Geologist (State of Tennessee #5882)
Certified Remote Pilot – Small Unmanned Aerial Systems (FAA Certificate #4139893)
40-Hour OSHA Training for Hazardous Waste Operations and Emergency Response (HAZWOPER)
TN Underground Storage Tank Certified Operator Training
Groundwater Monitoring Well Design, Construction & Development (Nielson Environ. Field School)
First Aid / CPR Certification, American Red Cross
Boating Education Safety Course, U.S. Coast Guard/TWRA
TN Qualified Hydrologic Professional In Training (TNQHP)

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 Manager

Richard W. Rogers, V. is a Tennessee Registered Professional 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, geomorphologic analysis, stream flow profiling studies, dye tracer studies, 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 4 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
Geomorphological Characterization
Benthic Macro-Invertebrate Sampling

Geographic Information Systems (GIS)

Spatial Analysis of Geographic Data
Geodatabase Management
Remotely Sensed Data Analysis
Triangulation Graphics Creation
Data Interpolation Methods and Isopleth/Contour Creation
Digital Terrain / Hydrologic Model Geometry Creation
UAS (Drone) Data Acquisition, Processing & Analysis

Software Proficiencies

HEC-Geo, HEC HMS / HEC Geo, HEC RAS
ESRI ArcGIS 10.5.1 Desktop/Online/Collector
ESRI Spatial & 3D Analyst Extensions



optimizing
resources | water, air, earth
