



J. ANDREW NUNNERY, P.G., Ph.D.

EDUCATION:

Ph.D. Geology and Hydrology, Duke University, Durham, North Carolina, 2012
M.S. Geology, Duke University, Durham, North Carolina, 2009
B.S. Geology, Guilford College, Greensboro, North Carolina, 2001

PROFESSIONAL LICENSES:

Professional Geologist: Alabama, North Carolina, Tennessee, and Texas

MEMBERSHIPS AND AFFILIATIONS:

National Groundwater Association (NGWA)

PROFESSIONAL TRAINING:

40-Hour Training for Hazardous Waste Operations and Emergency Response (HAZWOPER)
8-Hour HAZWOPER Supervisor/Management Training

CURRENT PROFESSIONAL INVOLVEMENT: 2016 – present, **AquAeTer**, Operations Manager

Dr. Nunnery is in charge of all operations of the Technical staff in the Brentwood office. He oversees technical quality, budgets, and personnel resources. Dr. Nunnery provides professional and technical support for environmental assessment and remediation projects and the development of site specific strategies for meeting regulatory environmental goals. He routinely performs Phase I environmental site assessments (ESAs) and plans and implements subsurface investigation activities for Phase II ESAs and conceptual site modeling. He has managed remediation of upstream oil and gas facilities, ranging from non-operational rural sites to active gas plants, and has completed remediation projects requiring the removal of leaking underground storage tanks (USTs).

Dr. Nunnery has experience conducting aquifer tests (pump and slug tests), contaminant fate and transport evaluations, and hydrologic modeling/visualization. He has conducted independent analysis of light and dense non-aqueous phase liquid (LNAPL and DNAPL) plumes at oil and gas and wood treating facilities throughout the U.S. He assisted in the planning and execution of a natural source zone depletion (NSZD) study to evaluate emerging techniques for the assessment of LNAPL plume attenuation. Results from this study were used to negotiate a closure strategy with the regulatory agency. His experience includes facilities listed as CERCLA and RCRA projects, as well as facilities enrolled in voluntary cleanup programs (VCPs) in Texas and Oklahoma, and he has assisted in negotiations with state agencies regarding case status and cleanup strategies.

PRIOR PROFESSIONAL INVOLVEMENT:

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| 2012-2016 | Kleinfelder, Austin, Texas, Professional Geologist/Environmental Case Manager |
| 2007-2012 | Duke University, Durham, North Carolina, Research Assistant |
| 2005-2007 | Trigon Engineering, Greensboro, North Carolina, Geologist/Assistant Project Manager |
| 2002-2004 | MWH Americas, Walnut Creek, California, Associate Hydrogeologist |
| 2001-2002 | Stanford University |

AREAS OF EXPERTISE:

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| Soil and Groundwater Investigations | Regulatory Compliance Monitoring and Reporting |
| Contaminant Fate and Transport | LNAPL and DNAPL assessments |
| Water Quality Monitoring | LNAPL transmissivity testing |
| Phase I and Phase II ESAs | NPDES |
| Aquifer Testing (e.g., slug and pump tests) | SPCC Plans |
| Monitored Natural Attenuation (MNA) | Stormwater Pollution Prevention Plans (SWPPP) |