

STEVEN R. GERRALD, E.I.
Environmental Technician

EDUCATION:

BS Biological & Agricultural Engineering, North Carolina State University, May 2013

EXPERIENCE:

Mr. Gerrald's work experience includes investigation and remediation of petroleum and chlorinated solvent contaminated sites, preparation of air emission inventories and synthetic minor and Title V air permit applications and renewals, Phase I Environmental Site Assessments, Stormwater Pollution Prevention Plans, Spill Prevention, Control, and Countermeasure Plans, and wastewater monitoring and sampling for compliance with NPDES Permits.

As part of the investigation of multiple sites with contaminated soil and/or groundwater, Mr. Gerrald has supervised the removal and disposal of impacted soils, collected soil and groundwater samples, installed monitoring wells, conducted various aquifer performance tests including slug tests and pumping tests, and conducted predictive groundwater and solute transport modeling. Mr. Gerrald is licensed in the state of North Carolina to install and service monitoring wells.

Mr. Gerrald has completed numerous environmental record searches in support of Phase I Environmental Site Assessments. He is also certified to conduct visible emissions surveys from stacks, and to perform maintenance inspections on stormwater best management practices.

Mr. Gerrald's undergraduate studies included coursework in environmental and ecological engineering, water quality and stormwater modeling, design/management and evaluation of irrigation and drainage systems, design of instrumentation for monitoring biological systems, principles of environmental control and structural analysis of wood-framed buildings, surveying/geomatics, engineering ethics, and agricultural air quality. His engineering design project included the design and construction of a cation exchange column based water filtration system for North Carolina State University's Poultry Engineering Field Lab.

PROFESSIONAL TRAINING & CERTIFICATIONS:

- Engineer in Training Certification
- OSHA 40-Hour Hazardous Waste Site Health and Safety Certification
- Certified EPA Method 9 Visible Emission Observer
- Certified Stormwater BMP Inspection & Maintenance Professional
- North Carolina Certified Well Contractor – Level B (NCWC 4309-B)