

# Austin D. Smith-Jones

## *Professional Qualifications*

Project Manager and Hydrogeologist with hands-on field and project management experience associated with contamination assessments, environmental monitoring and sampling, remedial projects and subcontractor oversight in Maryland, Pennsylvania, New Jersey, Virginia, Georgia and South Carolina. He resides in South Carolina and has overall responsibility for project management and implementation with the goal of securing environmental case closures in accordance with the South Carolina Department of Health and Environmental Control (SCDHEC).

## *Education and Training*

- ❖ **M.S., Hydrogeology**, Clemson University, May 2023.
- ❖ Thesis publication: “Analysis of Zero-Net-Rate Pumping Tests”. Performed and analyzed several slug tests, constant-rate pumping tests, and cyclical pumping tests. Developed and built cyclical pumping system.
- ❖ Teaching Assistant for general hydrogeology, GIS, multi-phase flow modeling, and field camp (2021 and 2022).
- ❖ Hydrogeology Field Camp (Clemson, South Carolina), Summer 2020.
- ❖ **B.S., Geological Sciences**, University of South Carolina, December 2015.
- ❖ Required Geology, Chemistry, Physics and Mathematics Courses.
- ❖ Focus on Geography – GIS, aerial photography and mapping.
- ❖ Water-related courses.
- ❖ Geology Field Camp (Colorado, Utah and New Mexico), Summer 2015.
- ❖ **Training**
- ❖ Completion of SCDHEC directed environmental assessment and monitoring projects under the direction of a South Carolina Registered Professional Geologist.
- ❖ Hands-on field experience – environmental monitoring and sampling, remedial projects and subcontractor oversight in Maryland, Pennsylvania, New Jersey, Virginia, Georgia and South Carolina.
- ❖ 40-Hour HAZWOPER training (OSHA 1910.120) and eight-hour annual refreshers.
- ❖ Maryland-Certified Drinking Water Sampler.
- ❖ Professional development training and workshops.
- ❖ ASTM Environmental Phase I and Phase II assessment training course.
- ❖ Vapor Intrusion assessment training course.

## *Professional History*

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| ❖ 2023 | Present | Project Manager, Quality Environmental Solutions, Inc.   |
| ❖ 2021 | 2023    | Project Geologist, Quality Environmental Solutions, Inc. (part-time)   |
| ❖ 2015 | 2021    | Project Geologist, Quality Environmental Solutions, Inc.   |
| ❖ 2013 | 2015    | Field Technician, Quality Environmental Solutions, Inc. (part-time)  |
| ❖ 2016 | 2016    | Surface Water Contamination Assessment. Senegal, West Africa<br>Member of team assembled by NGO Pure Earth ( <a href="http://www.pureearth.org">www.pureearth.org</a> ). |

## *Representative Experience*

- Monitoring well gauging and sampling at retail fueling stations, terminals and commercial/industrial facilities.
- Drilling oversight (direct push, hollow stem auger and air rotary) – well installation, soil sample collection, USCS classification and well abandonment.
- Collecting air, soil-vapor, sub-slab, groundwater, surface water and soil samples for field and laboratory analyses, including vapor intrusion investigations.
- Remediation system pilot testing, operation and maintenance.
- Underground storage tank (UST) removal oversight, sampling and documentation.
- Phase I and Phase II environmental site assessments in accordance with All Appropriate Inquiry and ASTM standards.
- Data analysis and report preparation.