

Brian Gibson

(423) 956-0813 | www.linkedin.com/in/brian-gibson-hydro | brian.gibson83@outlook.com

ENVIRONMENTAL SPECIALIST

EDUCATION

University of Kansas, completed all course work towards M.S. of Hydrogeology

- Presentations: NGWA Groundwater Summit (2013), Governor's Conference on the Future of Water in Kansas (2012)
- Published: Gibson, B., Devlin, J.F. 2018. Laboratory validation of a point velocity probe for measuring horizontal flow from any direction. *Journal of Contaminant Hydrology*, v. 208, 10-16.

Appalachian State University, B.S. Geology, Minor in Mathematics

- Undergraduate Research Project: Trishear Inverse Modeling of Paleoseismic Data using MATLAB

Western Michigan University, Hydrogeology Field Course

- Performed geophysical surveys, aquifer testing, and analyzed geospatial and time-series data

CERTIFICATIONS & TRAINING

- 40-Hour OSHA HAZWOPER, current 8hr-refresher
- CPR/AED/First Aid, February 2020
- PEC SafeLandUSA, November 2019
- Stormwater Management for Oil & Gas Operations – Colorado, July 2019
- Excavation Safety Training, December 2018
- Geologist-In-Training, Kansas, April 2013

PROFESSIONAL EXPERIENCE

Extraction Oil and Gas – Environmental Specialist

Feb 2019 – May 2020 | Windsor, CO

- Managed earthwork and environmental contractors to characterize and remediate recent/historical petroleum releases while minimizing costs using both in-situ and ex-situ methods
- Responsible for spill reporting to local and state agencies, improved spill tracking database and records, and assembled spill metrics for upper management
- Improved natural resource compliance for well maintenance, and plugging & abandonment operations
- Frequently engaged with regulators and community stakeholders to assure facility decommissioning operations achieved a high degree of satisfaction from all parties
- Worked within multi-disciplinary team to develop programmatic processes to achieve compliance with local, state, and federal flowline regulations

Apex Companies, LLC – Scientist III

Nov 2016 – Jan 2019 | Mead, CO

- Directly contributed to the growth and success of the remediation program and was quickly performing assistant project management tasks as a junior employee
- Prepared/reviewed site investigation and remediation work plans, performed environmental assessments, collected soil and water samples, provided excavation oversight, and authored work completion reports for the closure of petroleum releases

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- Prepared Scope of Work documents and served as field geologist for installation, completion, and sampling of groundwater monitoring wells
- Coordinated with private landowners and overcame challenging field conditions to collect residential water samples for multiple O&G client baseline water quality programs throughout the Denver-Julesburg and Laramie basins
- Helped develop and test new field methods to collect water and gas samples from oil and gas wells prior to plugging and abandonment

Department of Geology - Appalachian State University - Instructor

Aug 2013 – May 2016 | Boone, NC

- Designed course material and instructed senior-level hydrogeology field/computer laboratory, trained students how to conduct environmental site assessments, execute aquifer tests and interpret time-series data using AQTESOLV, and use spreadsheets to model 2-D groundwater flow and contaminant transport
- Partnered with local wastewater management and drinking water treatment facilities to create new field trip opportunities for students
- Taught students how to construct mechanical slugs using cheap and readily available materials
- Authored new laboratory exercises and presentations for introductory laboratory courses related to hydrology and geologic hazards
- Achieved positive reviews from both supervisor and students for all three years of employment

VOLUNTEER AND VETERAN EXPERIENCE

Science Project Judge – Stargate Charter School (2019)

- Served as a judge for a 5th grade STEM students science fair

Alternative Service Experience – Appalachian State University (2016, 2009, 2008)

- Served as faculty learning partner, student leader, and student attendee on multiple self-funded and self-created service projects to state parks and a non-profit organization during Spring Break
- Cleaned miles of beaches and conducted various maintenance projects
- Managed tight meal budget of \$6 per day per student and facilitated group reflections each night

G.E.O.R.G.I.A. - Generating Enhanced Oyster Reefs in Georgia's Inshore Areas (2006)

- Filled oyster shell bags at Skidaway Island for oyster reef restoration

River Clean-ups (various years/locations)

- Participated in multiple river cleanup projects in Georgia, North Carolina, Tennessee, and Colorado

United States Army (Jun 2001 – Apr 2006)

- Demonstrated professionalism and leadership, consistently overcame the physical and mental challenges of infantry life, and upheld the strict SOPs of the United States Army to achieve the rank of Sergeant
- Infantry team leader responsible for the operations, fitness, training, and morale of two to three soldiers while deployed to Iraq in support of Operations Iraqi Freedom I & III (3/15th Infantry, 2nd Brigade, 3rd Infantry Division)
- Member of highly-trained machine gun team within Special Operations unit deployed to Afghanistan during Operation Enduring Freedom I (1st Ranger Battalion, 75th Ranger Regiment)