

Staff Hydrogeologist

Expertise Groundwater Flow/Contaminant Transport Modeling and Field Investigations

Education M.S. (Hydrology), 2010, Colorado School of Mines
B.S. (Geology), 2006, Towson University, Maryland

Professional Experience

2010 – Present *Itasca Denver, Inc., Colorado*
Project Hydrogeologist

2005 – 2007 *Kleinfelder, Maryland*
Field Hydrologist

Project Experience

Numerical Modeling: Modeling physical and chemical processes in saturated and variably saturated flow models. Programming in several computer languages, including *MODFLOW*, *UCODE*, *HYDRUS*, *PHREEQC*, and *VS2DI*.

Field Programs: Field investigations that included: collecting ground- and stream-water samples in association with retail petroleum-remediation projects, installation of groundwater monitoring wells, well logging, and soil sampling. Performed aquifer tests, and supervised field investigations involving remediation- and construction-related projects.