



MIRIAM B. SIELBECK

EDUCATION:

M.S., Earth Science, Dartmouth College, Hanover, New Hampshire, 2007

B.S., Geology & Elementary Education, Vanderbilt University, Nashville, Tennessee, 2004

PROFESSIONAL LICENSES AND CERTIFICATIONS:

40-Hour Training for Hazardous Waste Operations and Emergency Response (HAZWOPER)

8-Hour HAZWOPER Management and Supervisor Training

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS:

Geological Society of America

CURRENT PROFESSIONAL EXPERIENCE: 2007 – Present, **AquAeTer**, Geologist

Ms. Sielbeck works as a geologist for AquAeTer and has over 3 years experience with environmental studies, specializing in stream and groundwater contamination studies. She has experience working on Phase I and Phase II Environmental Site Assessments (investigation and report writing), environmental litigation support, soil sampling and analysis, groundwater modeling, geological mapping, petrographic analysis, well installation and monitoring, and Underground Storage Tank (UST) removals. Ms. Sielbeck holds a B.S. in Geology and Elementary Education from Vanderbilt University and a M.S. degree in Earth Science from Dartmouth College.

PRIOR PROFESSIONAL INVOLVEMENT:

2004-2005 Vanderbilt University, Nashville, Tennessee, Research Assistant

AREAS OF EXPERTISE:

Environmental Investigation/Remediation

Site geologic and hydrologic characterization

Soil and Groundwater Investigations

Phase I and II Site Assessments

Installation of Monitoring Wells and Piezometers

GPS Data Collection and Analyses

Gravity Survey

Geomorphic Analysis

Surfer 8.0

ArcGIS 9.1

Geochemist's Workbench

Visual Minteq

Jump

Kleidagraph

MATLAB

Phreeqc