

Jacob Baggerman

Project Hydrogeologist

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Mr. Baggerman joined JSAI in April of 2010 after graduating from the University of New Mexico with a focus on hydrogeology and mathematical modeling of natural systems.

Model Development and Calibration: Developed new and maintained various existing numerical ground and surface water models responsible for predicting drawdown effects, river depletion, and other hydrologic parameters for locations around the world.

Water Sampling and Analysis: Collected and recorded water samples from locations around New Mexico according to EPA standards outlined in EPA TWRI Book 9 and EPA 542-S-02-001.

Geophysical Log Interpretation: Interpretation of geophysical logs from boreholes drilled through unconsolidated sediments, sedimentary rocks, and volcanic rocks.

Water Supply Well Projects: Worked on numerous water supply well projects collecting data during pumping tests or well development in different locations around New Mexico. Gathered, merged, and interpreted all relevant field data.

Groundwater Well Monitoring: Experienced with the installation and recovery of various types of water level monitoring equipment and the interpretation of their data at different sites around New Mexico.

EDUCATION

B.S., *cum laude*, Environmental Science,
2009

University of New Mexico
Albuquerque, New Mexico

REGISTRATIONS

MSHA Part 48 certification

AFFILIATIONS

Geological Society of America

National Ground Water Association
(NGWA)

Society of Earth Scientists
