

Tisa Folds

Hydrogeologist

Profile

Employment History

Education

Details

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123 Maple Street, Salt Lake City, UT 84101

Hydrogeologist with 2 years of experience specializing in groundwater resource management, contamination assessments, and numerical modeling. Highly adept at conducting field investigations, data analysis, and report preparation. Demonstrated ability to collaborate effectively with multidisciplinary teams, regulatory agencies, and clients. Strong commitment to sustainable water resource management and environmental protection.

Senior Hydrogeologist at Aqua Geo Frameworks, UT

Apr 2023 - Present

- Successfully managed a team of 10 hydrogeologists in conducting a comprehensive groundwater study for a 500 square mile area, resulting in the identification of 50 potential well sites for water supply development.
- Implemented advanced geophysical techniques for aquifer characterization, leading to a 30% increase in the accuracy of groundwater models and a 20% reduction in the time required for data collection and analysis.
- Led a groundwater contamination investigation at a major industrial site, which resulted in the successful remediation of over 100,000 cubic yards of contaminated soil and groundwater, protecting the local community's drinking water resources.
- Secured \$1.5 million in state and federal grants for a regional water management project, enabling the implementation of sustainable water management practices and infrastructure improvements to support the needs of a growing population.

Junior Hydrogeologist at Montgomery & Associates, UT

Sep 2021 - Feb 2023

- Successfully conducted a groundwater flow model for a 50-square-mile area, resulting in a 20% improvement in water resource management and allocation for the client.
- Managed and analyzed data from over 100 monitoring wells, leading to a 15% reduction in groundwater contamination levels and ensuring adherence to state regulations.
- Designed and implemented a wellhead protection plan for a municipality, effectively safeguarding drinking water sources for over 10,000 residents.
- Conducted a comprehensive aquifer test, providing valuable data that contributed to the successful expansion of a water supply system, increasing its capacity by 25%.