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COMMISSION  
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ENVIRONNEMENTALE

## 2023 Youth Innovation Challenge winners

### UNITED STATES

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*Hailey Hall*

**Solution:** *Is your water well?*

**Winner:** Hailey Hall

#### **Solution summary**

**Is your water well?** is a community-based public health awareness campaign focused on well testing and identifying nitrate pollution. This solution addresses informational and socioeconomic barriers to well testing and targets rural and underserved communities, where wells are untested or undertested, leaving citizens in these regions vulnerable to the health hazards of nitrate pollution.

This initiative facilitates well test availability and awareness through door-to-door distribution, educational presentations, and sampling demonstrations. This helps increase the understanding of the health of rural water supplies while connecting citizens to information about their health and aquifer conditions, and programs for water supply restoration.

Through a hands-on participatory approach, this solution aims to educate the public, encourage sound water stewardship, and mobilize citizens for groundwater protection.

#### **Description of the organization**

**AquiferWatch** is a nonprofit dedicated to expanding groundwater science and hands-on participation in aquifer management. They provide free well tests and groundwater monitoring, educate the public, and encourage sound water stewardship.



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### **Team members**

#### **Hailey Hall**

Hailey Hall is AquiferWatch's Secretary/Treasurer. She is a 24-year-old hydrologist and environmental educator from a multigenerational farming family in Florida's Suwannee Valley. Experiences on her family's farm and witnessing the decline of her home's famous springs due to nitrate pollution and groundwater pumping have fueled her drive for cooperation and progress on water issues. She has previously worked as a hydrologist with the US National Park Service and the Howard T. Odum Florida Springs Institute.