



DATE: January 10, 2023

OPEN POSITION: Staff Engineer

LOCATION: Logan, UT

Keller-Bliesner Engineering's Mission

We are a world-renowned irrigation and water resources engineering firm based in Logan, UT with seven professional engineers plus support staff. We are passionate about irrigated agriculture and environmental stewardship. We believe that through consultation, application of sound science, and use of appropriate technologies truly sustainable solutions can be developed to meet irrigated agriculture, environmental and urban water demands from limited fresh water supplies with a changing climate. We have expertise in all aspects of water resource engineering and water management, from determination of water supply to analyzing how water resource decisions and operations impact river basin ecosystems. Our project experience ranges from regional to individual field scale. We have a reputation for innovative solutions to complex water resource challenges.

The Job

- Initial duties would be participating in a field hydrographic survey of the Navajo Nation in southeastern Utah.
- Since we are a small firm, you would be exposed to a variety of projects under the direction of a senior engineer potentially including irrigation system and pipeline design, subsurface drainage, GIS analysis, web map development, satellite image interpretation, water rights, river basin modeling, crop consumptive use studies, weather data analysis, water quality and supply analysis, environmental compliance work and technical writing.

The Qualifications

- A team player with a positive attitude who works well with others and is excited to learn
- B.S. or M.S. in Agricultural or Civil Engineering with an irrigation or water resources emphasis
- EIT Certificate with goal for a PE licensure
- Valid, unrestricted driver's license
- Good communication skills, oral and written
- Computer skills including Microsoft Word and Excel
- Experience with AutoCAD or other computer aided design software
- Familiarity with ESRI products such as ArcMap, ArcGIS Pro, Spatial Analyst and ArcGIS Online
- Programming experience using an IDE such as Microsoft Visual Studio with Visual Basic.Net, Python or C# is a plus
- Willing to travel and physically able to do field work in remote areas under variable weather conditions

Compensation and Benefits (Depends on Experience)

- Salary \$80,000 to \$100,000 depending on experience
- 3% SIMPLE IRA match
- 176 hours of PTO per year (12 paid holidays + 2 weeks' vacation)
- Help with relocation expenses
- Annual bonus depending on performance

The Community

- Logan is about 85 miles north of Salt Lake City in Cache Valley. The population of Logan is approximately 55,000 with about 120,000 in Cache County.
- Logan and surrounding communities are safe and family friendly with good schools and many educational options.
- Logan is the home of Utah State University that provides a variety of cultural and sporting events
- Within a 10-minute drive from the KB office you can be fly fishing on the Logan River or mountain biking or hiking up Green, Logan or Providence Canyons.
- Cherry Peak ski area is about a 25-minute drive from Logan and Beaver Mountain Ski area about 45 minutes away.
- Bear Lake is less than an hour's drive-up Logan Canyon
- Keller Bliesner is based in Logan, Utah, but there are several surrounding communities easily commutable within Cache County Utah and Franklin County Idaho.

How to Apply

- Send a hard copy of your resume with a cover letter to:
Brian Westfall
Keller-Bliesner Engineering, LLC
78 E. Center
Logan, UT 84321
- You can also email the same information to bw@kelbli.com. If we don't acknowledge your email within 48 hours please call our office.



Our Mission

Keller-Bliesner Engineering, LLC (KB) is an engineering consulting company specializing in irrigated agriculture and its relationship to the environment. We have expertise in all aspects of water resources engineering and water management, from determination of water supply to analyzing how water resource decisions and operations impact river basin ecosystems. Our project experience ranges from regional to individual field scale. We have a reputation for innovative solutions to complex water resource challenges. We believe that innovative and collaborative application of sound science is essential to sustainably meet the competing agricultural, urban and environmental water demands from a limited fresh water



Services

Irrigation System Design & Management

- Irrigation Project Feasibility Studies
- System Design & Construction Management
- Operation & Maintenance Guidelines

Water Conservation Programs

- Plan Development & Implementation
- Conservation Monitoring & Verification



Environmental Planning

- Agricultural/Urban Interface Planning
- River Restoration for Enhancing Habitat
- Environmental Compliance Analysis & Reporting
- Environmental Mitigation
- Water Quality Studies

Surface Water Hydrology

- River Basin Modeling
- Operation Studies
- Instream Flow Studies

Digital Services

- Software Development
- GIS Mapping & Analysis



Keller-Bliesner Engineering Principals

Ronald D. Bliesner, P.E., DWRE (CEO) has a core belief that irrigated agriculture is key to feeding the world. This belief began on the family farm in Idaho and continued to grow through graduate school in irrigation engineering and as irrigation manager for a 36,000-acre farm in California. It was key to his decision to return to Utah and begin consulting with Jack Keller, with whom he formed Keller-Bliesner Engineering in 1981. His 45-year professional career has been centered on the development of creative solutions to irrigation, water resources and environmental challenges.



Dr. Andrew Keller, P.E. (President) specializes in water resources planning, design and management of irrigation, and agricultural development. He views irrigation in its hydrologic context and seeks socially-responsible, environmentally-sound, and innovative solutions. Andy excels at conceptual design and development of sustainable outcomes. He is passionate about opportunities afforded through irrigated agriculture, particularly prosperity for small-scale farmers worldwide.



Brian Westfall, M.S., P.E. (Senior Vice President) is a licensed Agricultural Engineer specializing in water resources planning, irrigation design and management and river basin modeling. He has a special interest in the development of custom software tools to aid in the management of water resources and large irrigation projects. Mr. Westfall manages KB's hydrologic modeling services and environmental compliance work. He also leads KB's digital services offerings including the web GIS and software development team.

