INTERNSHIP OPPORTUNITY
Utah Department of Environmental Quality (DEQ) – Division of Drinking Water (DDW)

About DDW and DEQ
DEQ safeguards public health and our quality of life by protecting the environment: our air, water and land. We implement state and federal environmental laws. DDW’s responsibility within DEQ is to protect public health by ensuring safe drinking water. DDW accomplishes that goal by providing expert oversight of the Safe Drinking Water Act which includes a robust engineering review program, source protection, operator certification and compliance programs. In our office we have professional engineers, professional geologists, and scientists.

Internship Overview
Intern will develop two 3-hour lesson plans for water utility personnel and their design engineers to promote energy efficiency strategies that result in cost savings. Intern will work with water utility personnel and their design engineers to develop an operations plan, an energy savings strategy plan that includes estimated savings, a Capitol Facilities Plan, and an identified funding source to construct/install facilities in the Capitol Facilities Plan. DDW and the Rural Water Association of Utah will recruit approximately 10 water utility personnel for the workshops. Intern will report to Ken Bousfield, Director, DDW.

Required Background
The ideal candidate will be a Senior or Graduate level Civil Engineering student with course work in culinary water delivery systems, including: pumps, motors, piping, control valves and hydraulic modeling.

Experience Gained
- Developing lesson plans to targeted audience
- Conducting the workshops
- Working with water systems to develop plans to implement energy efficiency strategies
- Reporting potential energy savings of training participants to DDW Director

Time Required and Pay
This is a $18/hour flexible position with a maximum of 20 hours per week, Monday -Friday. The pay will increase based on the intern’s success. Hours per day are negotiable. Total time commitment: 12 months.

Available Resources
Drinking Water Energy (Cost) Savings Handbook (see www.drinkingwater.utah.gov and click on: Drinking Water Energy (Cost) Savings Program), Handbook of Energy Auditing of Water Systems (see www.drinkingwater.utah.gov and click on: Drinking Water Energy (Cost) Savings Program, then click on Appendix and follow the link to Appendix F), Rocky Mountain Power’s Industrial Rate Schedule.
Send Resume To

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